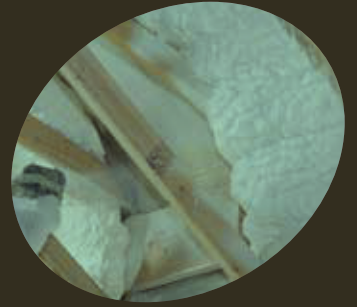
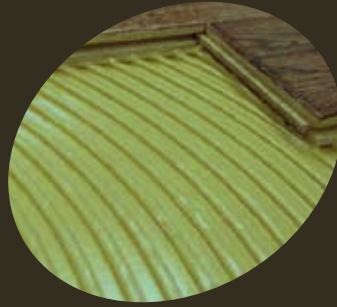
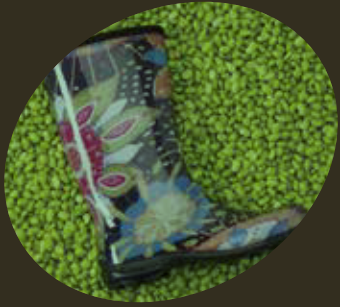
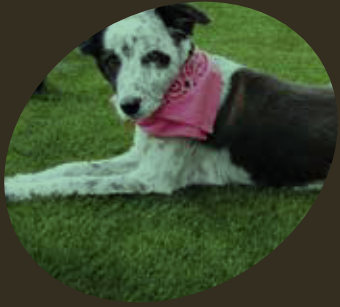
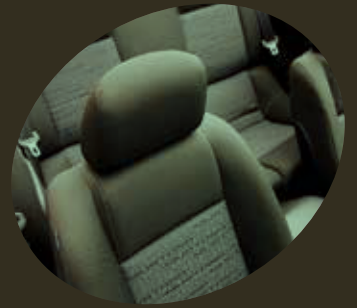
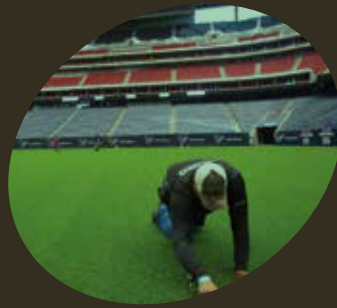
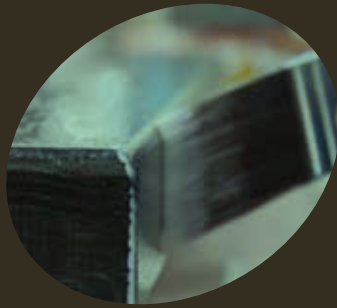




2017 SOY PRODUCTS GUIDE

SoyNewUses.org





THE USE OF SOYBEAN DERIVATIVES IN MANUFACTURING ISN'T NEW.

In fact, Henry Ford and George Washington Carver shared a vision in using soybean and other natural ingredients to make plastics, paint, fuel and other products. In 1942, Ford built a car with a plastic body made from soybeans and posed in front of it in a suit made of soy-based fiber.

The United Soybean Board (USB) is carrying on this vision by supporting innovative soy-based research for new product development. Since the mid-1990s this ongoing research has led to the development and manufacture of hundreds of products that contain soy, including soy-based spray foam insulation; plastic composites for cars, boats and agricultural equipment; paint; ink; and wood adhesives used in plywood,

hardwood and particleboard. The list grows every year with new products. As global demand for fuels, fiber and material continues to climb, soy-based products and feedstock provide smart, sustainable alternatives to petrochemical-based products. With equal – or better – performance and lower environmental impact, soy-based products make it easy to go green. Think of all the ways you can save when you Think Soy.



A GUIDE TO GOING GREEN

USB publishes the “Soy Products Guide” every year to help researchers, product developers, manufacturers, businesses and consumers identify commercially available soy-based products and ingredients. More products are added to the electronic version of the Soy Products Guide, as they become available throughout the year. For the most up-to-date listings, visit www.soynewuses.org.

SUSTAINABLE SOY

Soy ingredients are a natural choice for companies looking to make products and processes more sustainable in many ways.

- Homegrown U.S. soybeans reduce dependency on petroleum and associated price fluctuations for raw materials.
- Unlike fossil fuels, soybeans are a renewable resource, so there’s always an ample supply.
- Soybeans take carbon dioxide (CO₂) out of the atmosphere as they grow, and add very little while being processed into products. This contributes to better air quality and helps manufacturers meet new CO₂ emission regulations.
- A 2010 Soy Life Cycle Assessment report, available at www.soynewuses.org, along with the U.S. Soybean Sustainability Assurance Protocol, are being used by manufacturers to set sustainability standards for products. These reports are helping companies reduce their regulatory compliance and insurance costs and make their products eligible for higher LEED points.
- Products containing soybean oil are less likely to pollute and contaminate waterways like petroleum equivalents.
- In many cases soybean derivatives are replacing suspect carcinogens in products, without compromising performance.

THE CHECKOFF CONNECTION

The United Soybean Board (USB) funds research and promotes the development and promotion of soy’s many uses. Cultivating broader awareness and use of soy as a biobased ingredient, the board’s research and promotion programs have been instrumental in creating hundreds of products. Consisting of 73 volunteer farmers-directors, USB oversees investment of all U.S. soybean farmers’ checkoff dollars and seeks to use that investment to maximize their on-farm profitability. For more information on USB and the soy checkoff, go to www.unitedsoybean.org.

COMPANY LISTINGS

The companies listed are contacted annually to verify that their products contain soy in some form and are available for sale. The information in this guide is updated annually and is updated in real time on www.soynewuses.org as manufacturers send updates to USB. In some cases, new products will be launched, and other products may no longer be available. Many companies have indicated an interest in wholesale distribution, and resellers are encouraged to contact them directly. USB does not provide any guarantee or warranty of the products or suppliers. For more information, see the disclaimer on page 82.

If you would like to have your soy-based product added to this guide, please send information to deborah.dugan@osbornbarr.com

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BIOPREFERRED® PROGRAM

Managed by the U.S. Department of Agriculture (USDA), the goal of the BioPreferred program is to increase the purchase and use of biobased products, including those made with soy. The increased development, purchase, and use of biobased products reduces our nation's reliance on petroleum, increases the use of renewable agricultural resources, and contributes to reducing adverse environmental and health impacts.

TWO MAJOR PARTS OF THE PROGRAM

- DENOTES PRODUCTS IN THIS CATALOG THAT ARE CERTIFIED AS BIOPREFERRED AND MANDATORY PURCHASING REQUIREMENTS FOR FEDERAL AGENCIES AND THEIR CONTRACTORS



VOLUNTARY LABELING INITIATIVE FOR BIOBASED PRODUCTS

The BioPreferred Program


Federal law, the Federal Acquisition Regulation, and Presidential Executive Orders direct that all federal agencies purchase biobased products in categories identified by the Department of Agriculture (USDA). To date, USDA has identified 97 categories (e.g. cleaners, carpet, lubricants, paints) of biobased products for which agencies and their contractors have purchasing requirements. Each mandatory purchasing category specifies the minimum biobased content for products within the category. The BioPreferred program provides acquisition tools, the BioPreferred Catalog and training resources to assist in meeting biobased purchasing requirements.

The Voluntary Labeling Program

Enables manufacturers to have their biobased products that meet program requirements evaluated and labeled for easy consumer identification.

To learn more about BioPreferred products and products with the USDA Certified Biobased Product label please visit www.biopreferred.gov, and follow on Twitter @BioPreferred.

CONSUMER PRODUCTS



From car seats and cleaning supplies to carpet and coatings, soybeans help make products more renewable and environmentally friendly while maintaining, or in some cases exceeding, performance. Soy-based products help reduce U.S. dependence on petroleum. They are also more biodegradable, reduce or eliminate volatile organic compounds (VOCs) in products, and may reduce exposure to known and suspect carcinogens.

Products listed in this section are intended for use by everyday consumers. In some cases more than one source is listed for an identical product. Product descriptions are provided by suppliers. USB does not guarantee their accuracy or provide any guarantee or warranty for the products or suppliers listed.

ANIMAL CARE

FEED ENERGY COMPANY

All Veg 4000 — A natural energy source for animals, derived from processing soybean oil seed products.

Hyper-Cal 3800 — A blend of vegetable oils and high-grade animal fats that provides energy for a variety of animal species.

MRG — A natural, metabolizable energy source that is a blend of All Veg 4000. It enhances the growth potential of animals and is a base product for liquid feed.

GEMTEK®

- **AllerSafe® Shampoo for Dogs & Cats** — A mild, pH neutral pet shampoo that cleans pets without use of harsh sulfonics, caustics, builders or reagents. Does not contain dyes or fragrances that can irritate pet's skin.

ARTS AND CRAFTS

DELTA CREATIVE, INC.

Paint, Stain and Varnish — Soy based paint, stain and varnish for use in the home. Available in craft stores.

DIXON TICONDEROGA

Prang Fun Pro Crayons — Crayons made with 100 percent renewable resources including soybean oil. They are brighter and smoother than ordinary wax crayons.

EARTH GROWN CRAYONS

Earth Grown Crayons — Handmade from soy wax. Unlike most crayons made with paraffin wax, Earth Grown Crayons are 100 percent biodegradable. Available in whimsical shapes and colors.

AUTOMOTIVE

AG ENVIRONMENTAL PRODUCTS

SoyGold Diesel Additive — A biodiesel product that increases fuel lubricity, boosts cetane values and burns cleaner than traditional fuels. It blends with diesel in any ration from 2 percent and higher.

BRIDGESTONE AMERICAS

Agricultural Tires — Since 2014, the company continues to replace petroleum-based ingredients with soybean oil in all of the tires produced.

CENEX

- **Biomax THF** — A tractor fluid that is designed specifically for use in agricultural equipment and protects the vital parts of a tractor to ensure optimal performance.

FORD MOTOR COMPANY

Soy-based foam cushions are standard in every North American Ford seat cushions and backs to reduce CO₂ emissions.

FRANMAR CHEMICAL, INC.

Blue Bear (formerly BEAN-e-doo) Automotive Molding Adhesive Remover — A 100 percent biodegradable, non-caustic, nontoxic, solution that makes it easy to remove double-sided tape from body side moldings.

GOODYEAR TIRE AND RUBBER

A new soy-based tire is currently in the final stages of testing and is scheduled to be released in 2017.

GROWMARK INC.

Archer SoyGuard Plus® — A high-performance diesel fuel additive. Formulated using American-grown soybeans. Aids lubricity, improves engine life, cleans injectors, lowers emissions and boosts performance. Now with a cetane booster.

INTERNATIONAL LUBRICANTS, INC.

- **Lubegard Bio/Tech Engine Protectant** — A biosynthetic formula that provides additional lubricity protection to engine oil, eliminates harmful cold starts and reduces internal friction. It optimizes engine horsepower and performance and protects and extends oil life by 30 percent.

Lubegard® Power Steering Fluid — A fluid that enhances all power steering fluids. It eliminates power steering noises and whines and improves power steering system performance.

RENEWABLE LUBRICANTS, INC.

- **Bio-Booster Soy-Based Cetane Improver** — A soy-based cetane improver that increases diesel fuel ignitability.
- **Bio-Hydrostatic Fluid (Low Viscosity)** — A biodegradable vegetable-based hydraulic fluid.
- **Bio-Trans-Hydraulic** — A universal tractor fluid that is made from biodegradable soybean stocks.
- **Bio-Plus Injector Cleaner Gas Conditioner** — A multifunctional, highly concentrated, synthetic biobased gas additive formulated to provide excellent intake valve cleanliness and ensure clean efficient combustion in fuel injected and carburetor equipped engines.
- **Bio-Power Summer Diesel Conditioner** — A soy-based diesel fuel conditioner formulated to improve fuel economy and power.
- **Bio-Power Winter Diesel Conditioner** — A diesel fuel conditioner specifically formulated for harsh winter conditions.

RSC BIOSOLUTIONS

- **Envirologic 132 and Envirologic 168** — Biodegradable hydraulic fluids that replace conventional oils.
- **Envirologic 700** — A biodegradable universal tractor fluid based on natural ester technology.
- **Envirologic Bioflush** — A flush fluid to convert petroleum systems to biodegradable hydraulic fluids. It is not petroleum based.

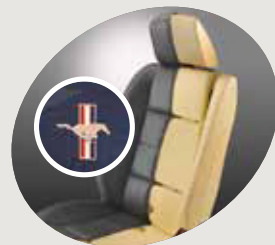
SCHAEFFER MANUFACTURING COMPANY

- **SoyUltra®** — A multifunctional gasoline additive that contains a unique blend of methyl soyate biofuel derived from soybean oil. It increases engine performance and provides smoother idling and improved drivability.



Bridgestone Americas

Every agricultural tire--in over 600 SKUs--contains an element of soybean oil as part of its chemistry. Bridgestone continues to develop technology to increase tire sustainability.



Ford Motor Company

Ford first introduced soy-based polyols to the auto industry in the seat backs and cushions of the 2008 Ford Mustang. Soy-based foam is now standard in every Ford vehicle.



RSC Biosolutions

Envirologic lubricants replace petroleum with soy. The environmentally friendly products lubricate better at lower temperatures, which helps extend the life of vehicles and equipment.



UltraLube

UltraLube greases and oils, made with high oleic soybean oil, are ideal for environmentally sensitive areas, since they are VOC-free and nonflammable with extremely high flash points.



Biodiesel

Biodiesel helps drive demand for U.S. soy oil, which continues to serve as the primary feedstock for U.S. manufacturing of the beneficial renewable fuel.

SCHAEFFER MANUFACTURING COMPANY

SoyShield® All Season — A concentrated multifunctional premium diesel fuel additive that is formulated for use in all types of diesel, especially low sulfur and ultra-low sulfur diesel fuels. It is a unique blend of methyl soyate biodiesel derived from soybean oil and highly concentrated multifunctional additive package.

ULTRALUBE®

Professional grade greases, oils and spray lubricants that are plant-based and eco-safe. Products are manufactured from renewable U.S.-grown crops. UltraLube® products reduce friction, heat and wear better than petroleum-based products and are safer to use in the workplace and around the home.

- **Disc/Drum Brake Wheel Bearing Grease** — Meets NLGI GC-LB specifications. A premium water-resistant EP grease for automotive and truck chassis and wheel and trailer bearings.
- **LMX® “Red” Grease** — A premium, water-resistant EP grease that meets SLGI’s GCF-LB specifications. Excellent for auto and truck chassis and wheel bearings, trailer bearings, fleets, farms, plant and industrial, and heavy-load applications.
- **Multi-Purpose Lithium EP Grease** — A general purpose lubrication for chassis, farm and plant machinery. Contains advanced EP additives. Prevents rust and corrosion for metal-to-metal contact areas, heavy loads and extreme pressure applications.
- **White Lithium EP Grease** — Features outstanding dielectric properties. Recommended for chassis, farm and plant machinery and general purpose. Contains advanced EP additives. Prevents rust and corrosion. Silicone-free and recommended for plastic parts.

BIODIESEL

AG ENVIRONMENTAL PRODUCTS

SoyGold Biodiesel — B2 to B20

CARGILL INDUSTRIAL OILS & LUBRICANTS

Methyl Soyate — An industrial cleaning solvent as a replacement in metal cleaning and precision cleaning applications.

CRYSTAL FLASH

Biodiesel

CYTOCULTURE INTERNATIONAL, INC.

- **CytoSol BioSolvent** — A biodegradable shoreline cleaner to ‘Lift and Float’ oil from impacted marshes, mudflats and beaches.

GRIFFIN INDUSTRIES

- **Bio G-3000®** — Premium Biodiesel Fuel

RENEWABLE ENERGY GROUP

- **REG-9000®** — Up to B100

HAMPEL OIL DISTRIBUTORS

- **Biodiesel** — B2 to B100

PETER CREMER NORTH AMERICA

Oleochemicals — Light & heavy cut methyl esters, broad & mid-cut methyl esters and heavy-cut methyl esters.

RENEWABLE LUBRICANTS

- **Bio-SynXtra™ Trans-Hydraulic Fluid and Low Viscosity** — A universal tractor fluid that incorporates stabilized additive technology with vegetable oil biobased stocks.

RENEWABLE ENERGY GROUP

- **REG-9000®** — Up to B100

BUILDING PRODUCTS

BIOSPAN TECHNOLOGIES

- **RePLAY®** — An 88 percent biobased pavement preservation agent that has been proven to prolong asphalt surfaces and maintain skid resistance.

COLUMBIA FOREST PRODUCTS

- **Appalachian Traditions™ Hardwood Plywood** — PureBond formaldehyde-free plywood technology in a panel that is unique and full of character. Works with any style.
- **Aromatic Cedar** — An affordable luxury for use in closets, storage and laundry areas, pantries, kitchen and bath cabinets, chests and as drawer liners.
- **Beaded Panels** — The look of fine tongue and groove woodwork with the installation ease of a plywood sheet.
- **CAN/AM GOLD+™ Panels** — New and improved value-priced professional grade plywood.
- **CFP60"s™** — Five-foot-wide panels that dramatically improve yield and reduce labor costs.
- **Classic Core®** — Constructed with a smooth, voidless MDF crossband that adds lightweight strength and surface quality.
- **Columbia Alder** — Paneling with a fine, light grain pattern and consistent color. Great workability makes it a versatile choice for paneling, furniture and cabinet applications.
- **CustomColors™** — Pre-applied custom stained panels.
- **Drawer Sides** — Created with HPVA CC rotary-sliced natural maple panels.
- **Europly PLUS™** — New Eurostyle panel that provides a green edge to builders on LEED® projects.
- **The FinishLine™** — Clear, stained and primed factory finishes in one produce collection.
- **FirstStep®** — Pre-primed, ready-to-use hardwood plywood panels.
- **FSC®-Certified Wood** — Environmentally certified decorative panels and veneered particleboard that carries the Forest Stewardship Council™ (FSC) ecolabel and qualifies toward the U.S. Green Building Council LEED Green Building System requirements.
- **JayCore®/KayCore®** — Premium veneer core hardwood plywood produced domestically on calibrated, veneer core blanks. Use for cabinetry and furniture.
- **Lyptus® Hardwood Plywood** — Produced with Weyerhaeuser in a range of exclusive looks featuring Lyptus veneers.
- **MPX®** — Uses a smooth hardwood poplar crossband under the face and back of the panel for a clean and even finish.
- **Radius™ Bending Plywood** — The perfect solution for curved columns, arches, cabinetry and furniture in residential and commercial settings.
- **StainSelect™** — 10 VOC-free factory finish stock stain colors with small minimums.
- **Teragren® Bamboo Hardwood Plywood** — Combines bamboo face veneers with PureBond formaldehyde-free hardwood plywood technology.
- **UV LabCoat™** — A prefinished plywood panel with a chemically resistant no-VOC, UV-cured lab grade finish.
- **UV Wood** — Designed for use in cabinets, vanities, casegoods, end panels, shelving and drawer parts.



BioSpan Technologies

Soy-based RePLAY™ Asphalt Sealant extends the life of paved asphalt surfaces when applied every 3-5 years to reduce the cost of road maintenance.



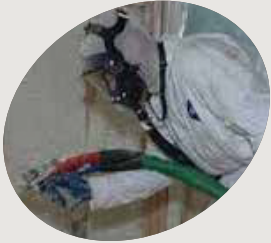
Columbia Forest Products

PureBond® is Columbia Forest Products' exclusive formaldehyde-free innovation that uses soy technology for hardwood plywood manufacturing.



Ecotec

Soy and recycled materials make Ecotec urethane solid surfaces lighter in weight, without sacrificing impact resistance.



Kodiak Industries

Biobased Insulation and DuraTite spray polyurethane foam insulation products can help seal air leakage and insulate buildings in one step.



States Industries

Using soy-based adhesives, States Industries was among the first production hardwood plywood manufacturers to become Forest Stewardship Council certified almost 20 years ago. Their Elemental mark notes hardwood plywood panels meet stringent indoor air quality standards.

ECOTEC

Soy-Urethane Solid Surfaces. The company says that its surfaces contain up to 40 percent of renewable and recycled materials and are 20 to 25 percent lighter than comparable acrylic and polyester solid surfaces. Ecotec countertops are also impact resistant and easy to install.

KODIAK INDUSTRIES

BioBased Insulation® 501w — An open cell, water blown spray polyurethane foam insulation with a density of 0.5 lbs. that can be used in walls, ceilings and roof decks of residential and commercial buildings. Class I fire rated, ICC-Rated with 3 percent soybean-oil content in finished foam.

DuraTite™ 2.0 — A closed cell, 245fa blown spray polyurethane foam insulation with a density of 2.0 lbs. that can be used in walls, ceilings, roof decks of residential and commercial buildings. It is Class I fire rated and ICC Rated. DuraTite 2.0 also is GREENGUARD and GREENGUARD Gold certified for indoor air quality.

BioSeal™ 2.0 — A spray foam with 3 percent soybean oil and 3 percent pre-consumer recycled content. BioSeal 3.0 has 16 percent biobased content in its finished product. BioSeal 6.0 features 17 percent biobased content in the finished product.

QC CONSTRUCTION PRODUCTS

- **QC Ecosoy System** — An innovative biobased decorative concrete staining system made from environmentally friendly, rapidly renewable resource materials such as soy. It is low-cost and non-hazardous alternative for stains and sealers without compromising the beautiful look and high-quality finish of other decorative concrete stains.

STATES INDUSTRIES, LLC

Using soy-based adhesives, States was among the first production hardwood plywood manufacturers to become Forest Stewardship Council certified almost 20 years ago. In addition to meeting ANSI/HPVA HP-1-2009, States products comply with California Air Resources Board regulation 93120 reducing formaldehyde emissions unless otherwise specified. Products include:

Appleply

Nova, Nova Peak and Nova Lab

Versa

Upfront

ArmorCore

Elemental

Xtra

CANDLES

● BENNINGTON CANDLES

All natural, hand-poured soy wax candles in glass jars are clean burning and have a soft aroma. Natural soy wax candles are handcrafted using farm-grown soybeans from the U.S.A. and have an approximate burn time of 35 hours.

BITTER CREEK CANDLE SUPPLY, INC.

- **Ez Soy** — A natural soy wax that makes container candles. It is clean-burning, easy to clean up, nontoxic, biodegradable and environmentally safe.

CANDLEMART

- **Soy Candles** — Hannah's At Home 100 percent soy wax candles available in a variety of scents and sizes.

CANDLES BY CLAIRE

- **Soy Candles** — American grown soybean wax candles.

CASCIARO CANDLE COMPANY

- **Soy Candles** — Natural soy wax hand-poured candles that burn cleaner and last longer. Available in 50 fragrances and in sizes ranging from 22-ounce mason jars to petite tea lights.

GENERATION SOY

- **Scented Soy Candles** — Available in a wide range of colors and styles.

HANNA'S CANDLE COMPANY/ HCC BRANDS

- **Bakery Collection** — 100 percent soy wax candles in fresh-baked aromas.

Products include Home Sweet Home Collection, Melt Your Heart Collection, Soy Tidings Line, and Vintage Florals.

LEE SEED COMPANY, INC.

- **Candles My Way** — Hand-poured soy wax candles available in a variety of scents and containers.

MILKHOUSE CANDLE CREAMERY

- **Milkhouse Candles** — Natural, renewable, silky smooth soy waxes contain none of the carcinogens of paraffin candles. The 40 percent recycled glassware containers are 100 percent recyclable, so candle jars have a useful life after the wax is gone. Available in a wide variety of amazing scents featured in an online weekly newsletter.

MINNESOTA SOYBEAN RESEARCH & PROMOTION COUNCIL

- **Beanswax Candles**

NEW CENTURY COATINGS

Agricolor — A product designed to colorize candle wax materials. Made with natural soybean byproducts to produce vibrant colors.

PRIZE CANDLE

- **Soy Candles** — All natural soy wax candles.

QUIET TIME CANDLES

- **Soy Candles** — Made with soy wax and a cotton wick. Available in a variety of scents.

SOY BASICS

- **Bean Pod Candles and Seed by Soy Inspirations Candles** — Made with soybeans available in a variety of fragrances and sizes.

SOY CANDLES

- **Soy Candles** — 100 percent soy wax candles that are biodegradable and nontoxic.

SOY DELITES

- **Soy Candles** — Soy-based candles available in a variety of scents and sizes.
- **Tart Bars** — Soy-based bars that contain six breakaway cubes used in a tart burner/melter.



Bitter Creek Candle Supply

For years, Bitter Creek Candle Supply has been an industry leader, providing exceptional quality soy-based candlemaking supplies.



Milkhouse Candles

Made from hydrogenated soybean oil, the natural soy wax in Milkhouse candles contain none of the carcinogens of paraffin candles. The 40 percent recycled glassware containers are 100 percent recyclable.



Swan Creek Candle Company

All natural American Soybean Wax™ outperforms petroleum-based paraffin in candles made in Ohio. Available at major retailers and online.



Bi-O-Kleen

Citrus Soy Solvent uses soy-based technology to combine soybean oil and citrus in a nonflammable, noncombustible cleaner that dissolves gum and wax, but is gentle to skin.



Earth Friendly Products

Methyl soyate (soy-derived solvent) in the Stainless Steel Cleaner protects against water spots, stains and fingerprints on stainless steel, aluminum, brass, chrome, copper, zinc, silver and most other metals.

SOY DELITES

- **Soy Candles** — Made with soy, a great renewable choice for a candle.

SWAN CREEK CANDLES

- **Soy Candles** — A clean-burning, lead-free, intensely fragrant candle made with U.S. soy.

CLEANING PRODUCTS

BI-O-KLEEN INDUSTRIES, INC.

Citrus Soy Solvent — A multi-purpose cleaning solvent made with soybean oil extract to make it a much safer and natural alternative. Nonflammable, noncombustible and gentle to skin. It dissolves gum, wax, paint, adhesives, tar and more.

P.O.G. — Paint, Oil, Gum Solvent.

- **Soy Cream Cleaner** — A cleaner that effectively shines, cleans and protects many surfaces without scratching and without toxic chemicals. It's safe for linoleum, porcelain, chrome, stovetops, sinks, countertops, tub-n-tile, grout and more.
- **Soy Toilet Scrub** — A toilet cleaner made from soybean oil extract, natural volcanic perlite and grapefruit seed extract. It is natural, nontoxic and gentle.

COX INDUSTRIES

- **SoyBase Clean** — A line of soy-based biodegradable, all-in-one industrial degreasers and floor cleaning solutions. The degreaser was originally produced for the tire manufacturing industry because of its heavy degreasing power. SoyBase Clean also acts as a rust preventative and can be used as a lubricant for machinery to add service life. SoyBase Clean contains a sealing agent that coats floor surfaces, leaving a satin shine and added surface durability.

CPC AEROSCIENCE, INC.

- **Comply** — An organic degreaser combining the power of citrus with the safety of soy for rapid grease cutting.

EARTH FRIENDLY PRODUCTS

- **Stainless Steel Cleaner and Polish** — A 100 percent sustainable and natural product made with soy. It polishes and protects stainless steel and metal surfaces. No streaks or oily residue.

ECO SAFETY PRODUCTS, LLC

- **Ecoprocote Soy-It Stainless Steel Remover** — A soy-based graffiti cleaner that meets VOC requirements.

Soy-It Graffiti Cleaner — A soy-based graffiti.

FRANMAR CHEMICAL, INC.

Blue Bear (formerly BEAN-e-doo®) product line replaces toxic chemicals with environmentally safe soybean oil.

- **500MR Mastic Remover** — Rinses clean and does not leave a residue.
- **700DG Degreaser** — An environmentally friendly all-purpose cleaner that is versatile and can be used on a variety of hard surfaces. It cleans oil, grease, dirt and grime from asphalt, concrete, metal and painted walls.

- **740 AD Adhesive Remover** — A biobased cleaner that works quickly and effectively. It easily removes adhesive buildup and cleans up with water.

GEMTEK PRODUCTS

AllerSafe® products neutralize protein allergens created by dust mite droppings, dog dander and cat saliva without toxic or hazardous chemicals.

- **AS All-Purpose Cleaner** — All-purpose cleaner used on a variety of surfaces.

GEMTEK PRODUCTS

- **AS Carpet and Upholstery Shampoo** — Used for extraction cleaning or machine washing. Does not contain any fragrances or colors.
- **AS Dustroy Anti-Allergen Ready-to-Use Spray** — Neutralizes protein allergens and may be applied to all surfaces that are washable.
- **AS Hand Dishwashing Liquid** — Fights grease without any fragrances or extra chemicals.
- **AS Laundry Detergent** — Can be used with other detergents to neutralize allergens in washable fabrics.
- **AS Laundry Stain Remover** — Helps remove most stains.
- **AS Mold and Mildew Cleaner** — Effectively removes mold, mildew and fungus from ceramic tile and grout surfaces without bleach or caustics.

GROWMARK INC.

Archer Kleenease — A solvent that is made from 100 percent American-grown soybeans and no chemicals. It easily removes grease, oil, asphalt, paint and tar and is great for washing parts and engine degreasing.

NATURAL SOY PRODUCTS

Adhesive Remover — A non-abrasive, user-friendly, soy-based cleaner that emits no toxic fumes. It has a high flash point, performs exceptionally well on most surfaces and rinses clean with mild soap and water.

All-Purpose Cleaner — An all-purpose product that cleans any surface with no rinsing. Does not create film or streaks as it cleans and brightens.

All-Purpose Cleaner Concentrate — An all-purpose cleaner for any surface not harmed by water. It outperforms traditional, toxic petrochemical-based.

Basin Tub and Tile Cleaner — A soy-based cleaner that rapidly removes soap scum, lime, scale and body oil deposits from shower walls and doors, sinks, ceramic tile, fiberglass, vinyl, porcelain and stainless steel.

BBQ & Grill Cleaner — A high-performance green alternative to traditional products. It removes charcoal, grease and burnt-on barbeque residue from grills and smokers. BBQ & Grill Cleaner was tested by the Wall Street Journal and determined to be the most effective product, even compared to traditional, toxic products. *(Wall Street Journal, June 21, 2007)*

Clinging Toilet Bowl Cleaner — A soy-based product that cleans without harsh chemicals.

Drain & Septic Treatment — Environmentally preferred Drain & Septic Treatment effectively breaks down and digests the odor source rather than masking it.

Driveway, Sidewalk and Patio Cleaner — A biodegradable product that effectively cleans concrete, brick or rock surfaces. It removes grease, tar, oil stains and dirt.

Dry-Erase Markerboard Restorer — A versatile cleaner that uses soy to keep whiteboards looking like new without the fumes.

Enzyme Stain Treatment — Environmentally preferred Enzyme Stain Treatment breaks down, deodorizes and digests severe stains and odors. Works on starches, oils, urine, blood, feces, fats and greases.



Eco Safety Products LLC

Soy-It Graffiti Cleaner replaces petrochemicals with soy to meet the most stringent VOC (volatile organic compounds) requirements.



Gemtek

Soy ingredients in AllerSafe products by Gemtek neutralize protein allergens.



Natural Soy Products

Nontoxic and biodegradable Natural Soy Products contain no hazardous ingredients as defined under the U.S. OSHA Hazard Communications Standard (29 CFR 1910.1200).



Natural Soy Products

The natural characteristics of soy make an excellent solvent with a kauri-butanol (KB) value of 58 in Natural Soy Products.



Natural Soy Products

BBQ Grill Cleaner was tested by the Wall Street Journal and determined to be the most effective product, even compared to traditional, toxic products.

NATURAL SOY PRODUCTS

Furniture Polish and Protector — An environmentally preferred nontoxic emulsion that cleans, polishes, protects and restores hard surfaces in one application. The hard sheen allows the natural beauty of the surface to shine through. Treated surfaces will resist resoiling and fingerprints longer than conventional polishes. Safe for use on metal, glass, plastic, aluminum, chrome, or any surface not harmed by water. Replaces wax-based polishes that can be harmful or fatal if swallowed as well as abrasive polymers that can scratch surfaces. Contains natural solvents, oils, and detergents plus polymers that protect and beautify a multitude of surfaces.

Glass Window Cleaner — Ammonia and fume free, this soy-based cleaner works on contact to remove fingerprints, soil, water spots with minimal wiping. Cleans, degreases and de-oils glass & plastic in one application. Leaves no residue, films or streaks.

Graffiti Remover — Removes all colors of spray paint, permanent markers, inks and lipstick from almost any surface.

Heavy-Duty Degreaser and Cleaner — An alkaline, water-dilutable, heavy-duty green cleaner/degreaser. Removes automotive, industrial and kitchen soils/oils instantly.

Kitchen Degreaser — Ammonia and fume free, this degreaser works on contact to remove fingerprints, soil, water spots, etc. with minimal wiping. Cleans, degreases and de-oils glass and plastic in one application. Leaves no residue films or streaks.

Lime & Scale Remover — Environmentally preferred Lime & Scale Remover is a naturally derived, pleasant smelling, non-fuming acidic cleaner. It cleans and descales coffee & tea pots, ice makers, sinks, porcelain fixtures and fiberglass showers.

Mold & Mildew Remover — This soy-based cleaner removes most mold and mildew buildup in minutes without the use of hazardous chlorine-based ingredients.

Neutral pH Cleaner — Nontoxic, non-combustible and more concentrated than almost all other degreasing cleaners, it works on contact to eliminate customary wait times. Safe for use on varnished surfaces, it is equally effective in hard or soft water, and is biodegradable. Neutral pH Cleaner is an all-temperature degreaser that dilutes with cold, warm or hot water.

Stinky Pee Eater — Environmentally preferred Stinky Pee Eater effectively breaks down and digests the odor source, rather than just masking it. When sprayed in and around urinals after cleaning it will continue to eliminate odor for several days.

Super Citrus Cleaner — A naturally derived cleaner that is safer for the environment and humans than traditional cleaners. It biodegrades rapidly without the need of sewage treatment facilities. A non-alkaline, water dilutable degreaser/cleaner, it replaces corrosive, caustic, and butyl-based degreasers that can instantly burn skin or permanently damage internal organs. It may be disposed of into sewers without pH adjustment.

Toilet Bowl Cleaner — Environmentally preferred Toilet Bowl Cleaner is a pleasant smelling, non-fuming, mild acidic cleaner. It cleans, de-scales and makes porcelain fixtures sparkle.

White Board Cleaner — A great way to keep whiteboards looking like new, without the fumes! A light mist is all it takes to remove even the oldest marks and tracings.

ORISON MARKETING, LLC

- **VPW SC-1000 All-Purpose Cleaner** — An all-purpose biobased cleaner for vehicle wash/maintenance, manufacturing, shop cleaning, food processing, janitorial and more.

RESTORE NATURAL PRODUCTS

The Restore product line includes biobased laundry detergents, dish soaps and household cleaners that use soy-based surfactants.

RSC BIOSOLUTIONS

SAFECARE — A line of powerful industrial cleaners and solvents designed to care for and extend the life of equipment and tools. These readily biodegradable products reduce cleanup costs, increase worker safety and limit your exposure to regulatory fines.

SO CLEAN SOLUTIONS

- **So Clean Floor Cleaner** — A nontoxic concentrated floor cleaner made with corn, soybeans and oranges.
- **So Clean Multi-Purpose Cleaner** — A nontoxic, multi-purpose cleaner used on a variety of surfaces including kitchen counters.

SOY TECHNOLOGIES, LLC

SoyGreen® products use powerful soy esters to replace butyls, d-limonene, and even caustics for degreasing and hard surface care. Environmentally safe.

- **SG Power Degreasers** — Offers the cleaning performance and safety of a soy-based degreaser with the cost effectiveness of a water-based cleaner. It can be used on all types of surfaces.
- **SG Stainless Steel Cleaner** — Degreases and polishes stainless steel and other hard surfaces.
- **SoyFast All-Purpose Cleaner (regular and concentrate)** — An all-purpose cleaner formulated to be “ready-to-use.” It is soy-based, nontoxic and biodegradable, and has incredible grease cutting power.
- **SoyFast Concentrate Carpet & Upholstery Cleaner**

SOYWORLD USA

SoyComplete Green All-Purpose Cleanser — Millions of soybean nano-particles engineered to break down dirt with a moving force all on its own. Think “scrubbing bubbles” without the harsh chemicals.

SoyFresh All Natural Fruit & Vegetable Wash — Removes 99 percent of bacteria naturally — cleaning away wax, chemicals and dirt from produce.

SoyGolf — Golf club cleaner cleans clubs without harsh chemicals.

SoyShine Natural Dish Detergent — A dishwashing liquid made of soy fatty acid that attacks and dislodges grease and food particles the minute it hits the surface. Provides the extraordinary bacterial fighting power of soy while it naturally moisturizes hands.

SPARTAN CHEMICAL COMPANY, INC.

- **Graffiti Remover SAC** — A ready-to-use biobased product that is naturally derived from agricultural ingredients such as soy. It removes any graffiti off of most surfaces.

TRI-FLOW LUBRICANTS

Superior Soy™ Foaming Cleaner — A soy-based solvent blend that penetrates and loosens tough soils.

TWIN CHEMICAL, INC.

- **Take-It-Off Concrete Sealer and Stain Remover** — Removes most dissipating sealers, floor sealers, wax sealers, acrylic and latex sealers. Does not contain any ingredient requiring listing per US OSHA 29 CFR 1910.1200.



Restore Natural Products

Made from renewable soy-based ingredients, Restore the Earth Natural Products use no petroleum-based ingredients and are gray water, septic and sewer safe.



Soy Technologies

Cleaning exposes workers to chemicals each day at their work site. Soy Technologies uses powerful soy esters to replace common terpene and petrochemical-based products that are safe for workers and home use.



Soy World USA

Soy fatty acids break down dirt without harsh chemicals.



Baby Soy

Modern designer layette for babies uses the softest azlon from soy protein fiber.



EcoPath

EnviroCel™ polyurethane backing systems on EcoPath commercial carpet and mats replace petroleum-based components with polyols made from soybean plants.



Signature Accord Carpet

Carpeting by Universal Textile Technologies is backed with BioCel, made from soy polyols that provide noise reduction and antimicrobial protection.

CLOTHING AND FOOTWEAR

BABY SOY

BabySoy — Baby layettes, 0-24 months, use leftover pulp from tofu, soymilk and other soy products as raw material.

PARADISE FIBER

White Soybean-Soysilk Top Spinning

Fiber — Smooth, soft and sustainable yarn, ready for spinning.

SOUTH WEST TRADING COMPANY

Soysilk — Fiber made from the residue of soybeans from tofu manufacturing. The process is 100 percent natural and free of any petrochemicals.

FLOORING

DOW CHEMICAL COMPANY

● Dow BioBalance Polymers Carpet-Backing

System — Incorporates soybean oil as a replacement in a portion of the chemistry used in making polyurethane carpet backings.

ECOPATH

● Ecomax, Ecorib and Ecoclassic Carpeting —

Carpets backed with EnviroCel™ polyurethane backing systems for commercial carpet. Contains recycled, recovered and renewable materials that are 60 to 70 percent biobased by backing weight. EnviroCel replaces large percentages of the petroleum-based components in the polyurethane with biobased polyols made from soybean oil.

PHASE ENERGY SOLUTIONS

Bio PC Mats — Mats work in the daytime by absorbing heat from solar and internal gains. Releases heat during the night to reduce cooling and heating loads, along with energy consumption. The mats come in different categories to choose the right kind for you.

● SIGNATURE ACCORD CARPET

Signature products all come standard with BioCel™ Laminate, developed by Universal Textile Technologies. Combines the very best noise reduction, moisture barriers, antimicrobial protection, rolling traffic and performance. BioCel™ is manufactured with a minimum of 70 percent recycled content.

W. F. TAYLOR, LLC

Acous-Tec — A soy-based sound reducing liquid underlayment patch and leveler that can be used for all floating floor systems including vinyl, laminate and wood.

FURNITURE

AMERICAN LEATHER

Upholstered Sofas and Chairs —

Soy-based cushions.

ASHLEY FURNITURE

Signature Series — Use soy-based urethane foam in products.

BAUHAUS FURNITURE

Upholstered Sofas and Chairs — Soy polyols used in cushions of upholstered products.

CISCO BROTHERS

Upholstered Sofas and Chairs — Soy-based foam cushion options.

CRATE AND BARREL

Karnes sleeper sofas — Sleek styling with slim track arms and generous soy-based foam cushions, that folds out to reveal full-size, four-inch-thick foam mattresses supported on wood platforms.

e2e

Composite Office Furniture — A new line of office furniture made with advanced biocomposite materials.

ERGO GENESIS

BodyBilt chair — An ergonomic chair that is made with soy-based BioFoam.

FRANKLIN

Three-way Lift Chair — incorporates soy-based foam cushions.

HICKORY BUSINESS FURNITURE

Preserve® HR Products — Soy-based flexible polyurethane foam. The foam can be used for furniture and bedding as well as other uses.

IKEA

Malfors and Moshult Mattresses — Mattresses made of soy-based foam mold to body contours for personalized support. The foam absorbs movement. These resilient mattresses are long lasting because they can be turned regularly.

KLAUSSNER FURNITURE

Dual Reclining Loveseat — Made with foam that is made with soy-based polyol.

LANE FURNITURE

Upholstered Sofas and Chairs — Feature soy-based urethane foam cushions.

LEE INDUSTRIES

Natural Lee Line — Furniture using soy-based foam and other renewable resources in cushions.

MAXHOME FURNITURE

Upholstered sofas and chairs — Cushions made with soy-based foam.

MITCHELL GOLD

Upholstered sofas and chairs — Cushions made with renewable soy-based biomaterial foam.

NORWALK FURNITURE

Upholstered sofas and chairs — Use soy-based urethane foam cushions.

SIMMONS®

NaturalCare® rubber tree sap mattress line — Feature a layer of natural rubber tree based latex foam made from biodegradable materials like rubber tree sap, enhanced with soy.

GREASE, OIL AND LUBRICANTS

● BI-O-KLEEN INDUSTRIES, INC.

Biokleen™ Soy Lube SL-100 — A lubricant made with soybean oil and other vegetable derived oils, orange peel extract and vegetable based corrosion inhibitors and penetrators.

BIOBLEND RENEWABLE RESOURCES

Penetrating Oil — A soy-based oil that penetrates and lubricates metal surfaces.

CORTEC CORPORATION

● Ecoline CLP — A green multifunctional penetrant/lubricant which provides lubrication, penetration, corrosion protection in humid and harsh environments and cleaning.

Ecoline Long-Term Rust Preventative —

A biodegradable temporary coating designed for use in severe marine and high humidity outdoor and indoor environments. It protects against all types of corrosion and oxidation and works well on a variety of metals.



Crate and Barrel

Soy-based foam cushions in the Karnes model combine sleek styling with comfort.



IKEA

Soy-based foam in mattresses are part of IKEA's corporate sustainability commitment to improve the environment and the lives of consumers.



Growmark

Soy ingredients in Archer oil products replace petrochemicals.



IOSSO Products

Biobased Iosso products are made from soy ingredients to keep the environment healthy. They are USDA Certified and designated for federal procurement.



Renewable Lubricants

Since 1991, Renewable Lubricants has been a technology leader with research and development support from the United Soybean Board. The company was the first biobased lubricant supplier to be approved for military tactical applications.

ENVIRONMENTAL LUBRICANTS MANUFACTURING

- **Chain Bar Lubricant** — A high-quality biodegradable bar and chain saw lubricant.

FLUID SCIENCES

Soy-50 Chainlube — An advanced agri-synthetic alternative to conventional mineral-oil-based chain and bar lubricant.

GROWMARK INC.

Archer Soy-Safe Bar & Chain Oil — Lubricant made with soybean oil.

INTERCHEM ENVIRONMENTAL, INC.

Soyclean Penetrant & Lubricant

INTERNATIONAL LUBRICANTS, INC.

- **Lubeguard®** products are biobased lubricants that deliver superior performance utilizing soybean oil. Currently recommended and endorsed by the largest transmission repair chains: AAMCO®, Cottman® and LeeMyles®.

2-Cycle Oil LXE — Acts as a regular 2-cycle oil as well as an engine and exhaust system reconditioner.

ATF Protectant — Prevents overheating and reduces elevated operating temperatures. It also extends fluid life.

ATF-Dexron/Mercon III — Dramatically reduces friction on metal parts and internal components.

Highly Friction Modified ATF — Eliminates the need for multiple OEM fluids and is the number one tool used by professionals to adjust the frictional characteristics of an ATF to operate at its optimum.

Lube 'N Loosen — Lasts 10 times longer than other lubricants and protects surfaces against rust and corrosion.

- **Lube Chain Lubricant** — Provides outstanding protection from rust and corrosion and keeps cutting edges on chains sharp.

Valve and Assembly Lubricant — Protects all metals and has excellent rust prevention. Non-sticking formula repels particles and does not have a harsh odor.

IOSSO PRODUCTS

Sizing Lubricant and Cleaner — A biodegradable, nonflammable lube and cleaner that works to eliminate stuck cases.

Triple Action Oil Solution — Cleans, lubricates and protects while penetrating to loosen powder, carbon and plastic wad. It works as an excellent lubricant for parts and inhibits corrosion.

NATURAL SOY PRODUCTS

5th Wheel LubePaste — Formulated to provide an economical, high-performance lubricant for applications such as tractor-trailer surfaces or marine push plates. It provides anti-rust, anti-salt and anti-corrosion.

Bar & Chain Lubricant — A biodegradable bar and chain saw lubricant.

Penetrant & Lubricant — Proven to have greater lubricity than WD-40 in laboratory tests conducted by NABL (National Ag-Based Lubricants Center).

RENEWABLE LUBRICANTS, INC.

BHHO Biodegradable Hydraulic Hoist Oil (ISO 32) — A biodegradable biobased formula that replaces mineral-based hydraulic fluids.

Bio-80W90 Gear Oil GL-4 — Acts as a lubricant on a variety of surfaces.

Bio-Air Tool Lubricant (ISO 32) — Replaces petroleum-based air tools. It emulsifies water for improved lubricity in moist conditions and provides anti-misting.

RENEWABLE LUBRICANTS, INC.

- **Bio-Artic Firearm Lubricant** — A specially formulated, readily biodegradable light lubricant developed to lubricate in extreme sub-zero temperatures. A combination of biobased and synthetic-base oils formulated with the proper additive technology to lubricate into close tolerant areas and prevent corrosion.
- **Bio-Blast Penetrant** — A specially formulated, biodegradable, fast-acting penetrant that blows away rust and dirt. It is non-staining to ferrous and non-ferrous metals.
- **Bio-EP Gear Oil** — Recommended for lubricating spur, helical, bevel, and worm gear configurations which are subject to heavy loading or shock loading and are designed for heavy-duty applications.
- **Bio-Gearhead Oil GL-3** — Used to reduce the speed of an irrigation engine to drive water well turbine pumps. It offers the protection advantages of the mild EP and anti-wear of an API “GL-3” type gear lube.
- **Bio-Graphite E.P. Grease NLGI #1** — Specifically formulated for sliding surfaces and applications where extreme pressure exceeds the fluid film. It provides good anti-rust, anti-oxidation and anti-wear protection.
- **Bio-High Temp 180 E.P. Grease NLGI #2** — A biodegradable grease that has high viscosity index base oil and lithium complex thickener. It has excellent resistance to water, corrosion and outstanding performance in a wide temperature range.
- **Bio-Penetrating Lubricant (BPL)** — A light lubricant in food processing equipment and is essentially odorless and tasteless. It provides a protective, thin film lubricant.
- **Bio-Penetrating Lubricant (BPL) + MOLY** — A light lubricant that performs in many applications because of the super high viscosity index.
- **Bio-Penetrating Lubricant (BPL) + MOLY + TACK** — A bio-penetrating lubricant plus Moly with tackifier provides advantages in some applications such as high-speed roller chains, cables and moving parts.
- **Bio-Penetrating Lubricant (BPL) + TACK** — A bio-penetrating lubricant with food-grade tackifier that provides adhesive to the performance of bio-penetrating lubricant.
- **Bio-TC-W 2-Cycle Engine Oil** — Especially designed to operate in water-cooled gasoline engines for the boating industry and in 2-cycle air-cooled engines for general-purpose equipment and for personal recreational transportation, such as motorcycles, snowmobiles, chain saws, and lawn and garden equipment.
- **Bio-TC-W3 2-Cycle Engine Oil** — Operates in water-cooled gasoline engines for the boating industry and in 2-cycle air-cooled engines for general-purpose equipment and for personal recreational transportation, such as motorcycles, snowmobiles, chain saws and lawn and garden equipment.
- **Bio-Valve Lube Gas Conditioner** — Approved for off-road equipment and marine engine manufacturers. It reduces valve sear, ring and upper cylinder wear in engines that operate at high RPM's or under heavy loads. It helps prevent expensive repairs, increases fuel efficiency and is cost-efficient.
- **Super High-Performance Gear Oils** — Designed for gear drives and right angle gear drives commonly used in food processing equipment, essentially odorless and tasteless.
- **Super High-Performance Motor Oils** — Made using the most advanced chemical technologies available for high-performance, heavy-duty turbo-charged and supercharged diesel and gasoline engines.



Tri-Flow Lubricants

Tri-Flow® Superior Soy™ Lube provides optimum lubrication in extreme temperatures. More than 90 percent of the product biodegrades in less than 28 days.



Workcell Systems

Soy-based Glysol PC replaces mineral spirits in manual and immersion-type parts washers to reduce toxicity, fumes and skin irritation of workers.



Zep Superior Solutions

ZEP 70 is a penetrating lubricant and protectant formulated with a renewable soy-based solvent.

RENEWABLE LUBRICANTS, INC.

- **Super High-Performance Transmission Fluids** — An Extreme Pressure product with long life heat stability, which offers the protection advantages of increased gear life through extremely high film strength and excellent low temperature performance.

RSC BIOSOLUTIONS

- **Envirologic 268A & 268B** — Biodegradable chain and sprocket oils.
- **Envirologic 31** — A multi-purpose lubricant for use in the office, at home or on the farm.
- **Envirologic 440** — A nontoxic 2-cycle engine oil for use in air-cooled engines.
- **Envirologic 802** — A lithium complex that is designed to perform in environmentally sensitive applications in marine, marine construction, dredging, rail and offshore industries.
- **Futerra** — A line of biobased lubricants with improved performance, increased uptime and enhanced system longevity. Futerra lubricants are environmentally acceptable (EAL) designated to meet stringent global regulations. They perform in wet and dry environments and can withstand extreme weather conditions including contact with water in high pressure and extreme temperatures. Futerra lubricants can serve as drop-in replacements for mineral oil and petroleum-based lubricants.

SYNALLOY

Bio-Lube SD — A general-purpose lubricant based on soybean oil, that is made water soluble using plant-based lubricants/surfactants. This allows expanding use to water-based systems or applications where water removal is important. And, because it is waterless, it works perfectly neat or added to oil-based systems. Bio-Lube SD contains over 98.5 percent renewable vegetable content and is 100 percent biodegradable.

TRI-FLOW® LUBRICANTS

- **Tri-Flow Superior Soy™ Lubricant** — A soy-based lubricant for bicycles.
- **Tri-Flow Superior Soy Lube Spray** — A light viscosity lube that allows for deep penetration into hard-to-reach moving parts.

ULTRALUBE®

Professional-grade greases, oils and spray lubricants that are plant-based and eco-safe. Products are manufactured from renewable U.S.-grown crops. UltraLube® products reduce friction, heat and wear better than petroleum-based products and are safer to use in the workplace and around the home.

All-Purpose Lubricant and Penetrant — An eco-safe, nontoxic lubricant.

WORKCELL SYSTEMS, INC.

- **Glysol™ PC** — A powerful biobased parts cleaning fluid derived from soybeans and other natural sources.

ZEP SUPERIOR SOLUTIONS

- **ZEP 70** — A soy-based penetrating lubricant that uses a renewable soy solvent. It provides long-lasting lubrication, and superior water displacement properties.

LAWN AND GARDEN

OSM, INC.

All-Purpose Plant Cuisine — A plant food made with alfalfa, molasses, soybeans and other premium natural ingredients.

Flower Cuisine — A flower food that contains all three major nutrients which benefit plants and helps to build healthy soil.

OSM, INC.

Veggie and Herb Cuisine — A vegetable and herb food that is non-polluting and non-burning and helps to have high-quality, robust and healthy plants.

RUST-OLEUM

Rejuvenator™ — A soy-based mulch and grass coloring product line that includes Black, Red and Brown Mulch Rejuvenator and Grass Rejuvenator.

SYNLAWN

- **Synlawn Artificial Turf** — Turf made with technology utilizing soy polyols.

MACHINERY

JOHN DEERE

Tractor hood — Soy-based plastic is used in tractor and combine hoods and exterior panels. The parts contain up to 4 percent soy.

WCCO BELTING

RAPTOR® - Combine header draper belting, baler belting, and conveyor belting made with a patent-pending rubber compound formulated with soybean oil.

PAINTS, COATINGS AND STAINS

CORTEC

- **Ecoline 3220** — A 100 percent biobased and ready-to-use temporary coating. It has a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection in storage and shipment.
- **Ecoline 3690** — A biodegradable product that is 76 percent biobased and is non-hazardous and nontoxic. It provides excellent indoor and outdoor protection and provides corrosion protection.

DUNN-EDWARDS CORPORATION

Aristoshield ASHL30 — An ultra-premium eggshell interior/exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish. Ideal for use on projects where superior performance and durability are required on doors and trim as well as metal surfaces.

Aristoshield ASHL50 — An ultra-premium semi-gloss interior-exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish.

Aristoshield ASHL70 — An ultra-premium high-gloss interior-exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish.

ECO SAFETY PRODUCTS, LLC

- **Acry-Soy** — Nontoxic penetrating clear concrete and wood sealer that is virtually odorless and protects against moisture, efflorescence, dusting, marring and stains.

Eco-Tuff High-Traffic Flex Clear Wood Finish — The world's leading environmentally compliant safety coating for floors. A high-traffic finish coating with superior durability, flexibility and safety.

- **Ecoprocote Soycrete Architectural Concrete Stain** — A specially formulated stain to add depth and color to concrete surfaces.
- **Ecoprocote Timbersoy Natural Wood Stain** — Soy-based stain that adds depth and color to wood surfaces.

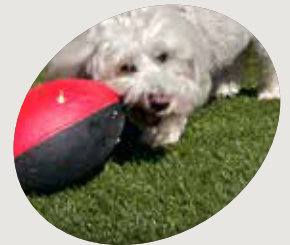
NATURAL SOY PRODUCTS

Wood Sealant — A natural soy based sealer for all wood, decks and docks.



Rust-Oleum Restore Mulch Rejuvenator

Soy-based black mulch rejuvenator revives mulch surfaces to save time, cost and the effort of replacement.



SynLawn

In most homes across the country 50-70 percent of household water consumption is used for outdoor irrigation. Replacing natural lawn with SYNlawn® creates a beautiful turf without maintenance that can eliminate more than 50 percent of water consumption per household.



Dunn-Edwards Corporation

Ultra-premium soy-based Aristoshield paints are formulated with advanced water-based urethane alkyd technology for an oil-like finish.



Sherwin Williams
ProMar 200 water-based acrylic alkyd paint provides a smooth, durable finish using soy ingredients.



Timber Ox, Inc.
Soy-based Timber Ox restores and protects the natural beauty of wood.



Griffin
Versagen soy methyl esters replace ingredients like d-limonene, mineral spirits, mineral seal oil and other high-VOC solvents that can be dangerous to human health and the environment.

RUST-OLEUM

Ultimate Polyurethane — A water-based formula that is 33 percent more durable than the leading competitive product with superior adhesion resistance. It has maximum scratch resistance and dries in two hours.

- **Varathane®** — A premium wood stain that penetrates up to twice as deep as competitive brands to reveal the beauty of natural wood grain. Apply to wood for long-lasting, translucent stain. Uses exclusive soya-oil base and anti-settling formula for better grain enhancement with less stirring during application.

Varathane Diamond Floor — A wood floor coating containing soy flour.

SHERWIN-WILLIAMS

Deckscapes Waterborne Semi-Transparent Stain — An environmentally friendly stain that provides a rich pigmented appearance and is scuff-resistant for very good protection on walking surfaces.

- **Proclassic® Water-Based Acrylic Alkyd** — A tough and durable coating that enhances the look of doors, trim, cabinets and furniture. It has excellent adhesion, flow and leveling, is non-yellowing and is environmentally friendly.
- **PROMAR® 200 Water-Based Acrylic Alkyd** — A durable, smooth, high-performance finish with minimal environmental impact. It is recommended for interior application on primed plaster, wallboard, wood, masonry and primed metal.

SOY TECHNOLOGIES

Soyanol™ 1000E — A water-based additive for paints and stains that is highly compatible with many chemistries, including most latex, acrylic and urethane emulsion systems. It is made with soy and helps develop high stability emulsions.

Soyanol™ 5000X-TB — A unique thinner base for use in compliant lacquer and paint thinner formulations. Made with soy and is available in multiple-base formulations.

TIMBER OX, INC.

- **Timber Ox Green Wood Protectant Stain** — An environmentally friendly stain that is agricultural-based and is biobased. It restores and protects wood's natural beauty.

PAINT STRIPPERS

FRANMAR CHEMICAL, INC.

- **Blue Bear 670AF Antifouling Paint Remover** — A biodegradable paint stripper that safely removes and encapsulates lead-based paint. It is non-hazardous and has inexpensive disposal.
- **Blue Bear 600GL Coating Remover** — A biodegradable formula that is made with 100 percent American grown soybeans. It is a safe product to use to remove paint. It encapsulates the surface of your furniture or floors in its thick gel, preventing lead or other hazardous particles from escaping into the air.
- **Soy Strip** — A biodegradable product that is designed to remove antifouling paint and can remove multiple layers in one application.

GRIFFIN INDUSTRIES

- **VesaGen™ 100** — Methyl soyate industrial solvent
- **VesaGen 100-D** — Low color, distilled methyl soyate industrial solvent.

GSP

- **NATURES GUARD™ Soy Based Paint Stripper** — Derived from Soybean Oil, this product addresses the numerous EPA and environmental issues facing solvent users today. This unique remover is non-hazardous, non-flammable, non-chlorinated, non-aerosol, non-toxic, and non-combustible.

NATURAL SOY PRODUCTS

Adhesive and Mastic Remover — A biobased product that safely and effectively removes adhesives, price stickers, lipstick, mastic, wax, decals, crayon marks, shoe polish, asphalt, gum, carpet glue and grease from most surfaces.

Paint Stripper — A high-performance green alternative to traditional products. It removes lead and oil based paints, varnish, shellac and acrylic lacquer from almost any surface and does so with one application.

● SOY TECHNOLOGIES, LLC

Soygreen Products

- **Enviroclear and Envirogel Paint Stripper** — An environmentally safe premium stripper formulated to remove layers of oil and latex paints, but will also remove many other coatings like epoxies, urethanes, elastomeric and chlorinated rubber.
- **Graffiti Remover** — A soy based, nonflammable product that easily removes paint, ink, crayon, magic marker and adhesive residue from painted surfaces.
- **Polystripper and Polyclear Paint Stripper** — Cost-effective, biobased solvents specifically formulated to strip polyurethanes, paints and similar finishes. It is safe, nonflammable and biodegradable.

TAKE OFF, INC.

Take Off Green — A semi-paste varnish and paint remover made with soybeans.

TWIN CHEMICALS, INC.

- **Pronto Supersoy Gel** — A soy-based gel that is designed and formulated to remove multiple layers of paint. It is versatile and will cling to vertical surfaces as well as ceilings but will also fill detailed and intricate areas in grooved or carved areas so that paint removal can be complete.

Twin Chem AGR

PERSONAL CARE PRODUCTS

AVEENO®

Positively Radiant® Daily Moisturizer — A daily moisturizer containing Active Naturals Total Soy Complex and natural light diffusers that help even skin tone while reducing the appearance of blotchiness and discoloration. The Active Naturals Total Soy Complex process retains the integrity of the soy protein to visibly transform dull, uneven skin into brighter more radiant skin.

BIOSPAN TECHNOLOGIES

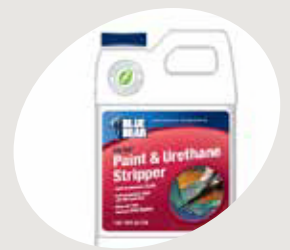
HR3700 Hand Cleaner — Soy-based hand cleaner that handles tough jobs.

EARTH SCIENCE NATURALS

A-D-E Creamy Cleanser — A cleanser made with soybeans to cleanse the skin and remove makeup and impurities without using dry soaps. It moisturizes while it cleanses to keep skin soft with no greasy feelings.

Active Age Defense — Facial products made with soy that contribute to fresher, softer and younger looking skin. All natural products.

Apricot Night Cream — A night cream made with soy designed to offer skin the nourishment it needs. It soothes and extracts, which helps to restore and maintain the appearance of healthy, youthful looking skin.



Franmar Chemicals
Biodegradable Blue Bear products, based on proven BEAN-e-doo soy technology, are non-hazardous and easily disposed.



Twin Chemicals
Pronto Supersoy Gel clings to vertical surfaces and ceilings and fills grooved areas to remove layers of paint with soy.



AVEENO
AVEENO® scientists process soybeans to retain protein that provides immediate skin benefits.



Earth Science Naturals

Soy-based personal care products revitalize the skin and hair.



Fresh

Years of research led to the development of the Soy Collection.

EARTH SCIENCE NATURALS

Fragrance-free Hair Conditioner — A 100 percent fragrance free conditioner made with soy. It revitalizes the natural structure of hair while adding body and shine. It is extra gentle for sensitive hair and scalp.

I-Cream — An eye cream made with soy that is designed to protect the skin from the appearance of premature aging. It brightens, restores and renews the delicate skin around the eyes.

Men's Face and Body Skin Care Balm — A balm made with soy designed especially for men. It provides relief for dry skin and acts as a moisturizer.

Men's Herbal Aftershave Skin Soother — An aftershave for men that soothes, cools and relieves skin without stinging alcohols. It also contains all-natural moisturizers and skin soothers.

Placentagen Eye and Throat Cream — A cream that rejuvenates skin and nourishes aging and depleted skin cells.

Purfection Hand Cream — A hand cream that is rich in vitamins C and E, aloe vera, shea butter and jojoba. It soothes and softens hands.

FRANMAR CHEMICAL, INC.

- **Hand Sanitizer** — A hand sanitizer that offers the protection of soy and aloe.
- **Series 8** — A cream that acts as an invisible glove. It protects hands and nails from staining.
- **Soy Scrub** — A hand cleaner that cleans the grime of hands. Made with American grown soybeans and finely ground Missouri pumice for extra cleaning power.
- **Soy Smooth** — A smooth-as-silk hand lotion that is non-greasy and made with soy protein fortified with vitamin E and aloe.

FRESH

Soy face cleanser — An extra gentle gel cleanser for all skin types that instantly whisks away everyday impurities and makeup.

Soy shampoo — A moisturizing formula for all hair types fortified with protein-rich soy and stimulating ginseng root to nourish and improve texture.

Soy face exfoliant — An ultra-gentle form of natural microdermabrasion for all skin types that resurfaces and refines the complexion.

Soy face serum — A potent blend of age-delaying ingredients that firms and hydrates all skin types.

Soy moisturizing cream — A daily moisturizer for all skin types that instantly hydrates and revives the skin.

GEMTEK

- **AS-Adult Shampoo** — A formula that cleans and conditions hair without stripping it. It does not include sulfonics, caustics, fragrances, builders or reagents.
- **AS-Glycerin Bath Bar** — A luxurious bath bar that leaves skin feeling silky smooth and thoroughly clean without using harsh sulfonics or tallow that can clog pores.
- **AS-Bath and Body Wash** — A neutral pH concentrated body wash that contains no dyes or fragrances, caustics, tallow, sulfonics or other toxic ingredients. Provides excellent soil release and is hypoallergenic.
- **AS-Liquid Hand Cleaner** — A cleaner that safely removes organic soils including the toughest automotive lubricants without caustics or toxic solvents. It will not irritate skin and does not contain dye or fragrances.

GEMTEK

- **SC-Heavy Duty Hand Cleaner** — A cleaner made with 100 percent plant-based ingredients. It removes tough mechanic soils including lubricants and greases without caustic chemicals or abrasive additives.

GOJO INDUSTRIES

Eco Soy — A cleaner that gently and effectively removes moderate soils with or without water in a foam formula that cleans better than a light-duty soap.

HONEYBEE GARDENS

Alcohol-Free Hair Spray — A natural vegetarian hairspray that contains no alcohol that would dry hair.

KARMA ORGANIC SPA

Karma Organic Nail Polish Remover — A soy-based nontoxic, non-carcinogenic polish remover that contains no petroleum and is packaged in 100 percent recyclable 4 oz. glass bottles.

L'OREAL PARIS

Age Perfect Night Cream — Soy seed proteins in this cream help skin rebuild its own substance to improve elasticity for more toned, supple and resilient skin. It reduces the appearance of age spots and soothes increased dryness. The company says the product is dermatologist tested and claims 94 percent of women saw more hydrated skin in four weeks.

LOTUS LIGHT ENTERPRISES, INC.

Derma E Papaya and Soy Milk Facial Cleanser — A cleanser made with pure botanical extracts and natural foaming agents to thoroughly lift makeup and excess oil from skin. Soy milk helps restore skin's smooth texture while preventing dehydration.

MIA BELLA'S SOY CANDLES

Bella Hand Wash — A soap that moisturizes as it cleans. Contains a water soluble conditioner with added vitamin E and soy protein.

Soysational Bella Bar — A bar made with soy that can be used to shave and shampoo as well as cleanse the body.

NATURAL SOY PRODUCTS

Hand Cleaner — Environmentally safe and biodegradable, this fresh-scented cleaner contains vitamin E and does not require water to use. Soy-based, it does not dry out skin and contains no pumice. Perfect for mechanics, farmers and all working hands, it removes tough greases that other hand cleaners leave behind.

OLAY

Total Effects Mature Skin Therapy — A moisturizer with a complex of vitamins, antioxidants, soy and ginger that the company says reduces redness, blotchiness, age spots, fine lines and wrinkles to create radiant skin.

ORIGINS

- **Balanced Diet Lightweight Moisture Lotion** — A lightweight moisturizer made with plant extracts that softens and soothes skin.
- **Balancing Tonic** — A tingly-cool tonic that retexturizes skin. It is made with soy protein that protects and moisturizes to keep skin at proper pH.
- **Calm to Your Senses** — A calming soybean oil that softens, soothes and smoothes skin.
- **Ginger Cloud** — A smoothing body balm made with soybean oil. It nourishes and protects skin.



GoJo

Eco Soy cleaners gently remove dirt, leaving skin soft.



Karma Organic Spa

Organic nail polish remover is soybean oil based, nontoxic and noncarcinogenic. The formula is very nourishing to the nails and leaves behind moisturized cuticles after use.



Olay

Soybeans gently moisturize skin in this fragrance-free emulsion.



Skinceutical

Soy isoflavones help firm skin in an anti-aging soy-based cream that combats the visible effects of collagen breakdown.



Soya Systems

Created in 1981 in Missouri, Soya System hair products use hydrolyzed soy protein in products that penetrate hair to add lustre, without animal proteins, waxes and harsh chemicals.



SoySoft

Deep Treatment Penetrating Creme and Daily Moisturizing Body Lotion, made of soy, acts like vitamins for the skin.

SEPHORA

PhytoSpecific PhytoRelaxer Index 2 —

A revolutionary, gentle, hydroxide-free treatment that relaxes coarse and resistant hair safely and effectively without the use of harsh chemicals. The egg and soy-based formula is odorless and does not contain lye.

SKINCEUTICAL

Face Cream — A rehabilitating cream for aging skin that combats the visible effects of collagen breakdown and moisture loss. Soy isoflavones help to firm skin.

SOYA SYSTEMS, INC.

Finishing Spray — A finishing spray that contains soya protein to leave the hair smooth without being sticky or stiff.

- **Shampoo for Dry Hair** — Formulated with all-natural ingredients to prevent flaking and dryness. It contains soya protein that penetrates damaged hair.
- **Shampoo for Normal Hair** — Designed for normal to oily scalp hair.
- **Deep Cleansing Shampoo** — Formulated with all-natural ingredients and for oily skin and hair. It acts as a skin and facial cleanser.
- **Moisturizer Conditioner** — Restores lost emollients, pliability and sheen to hair shafts.

SOY CANDLEWORKS

Homemade Soap — Glycerin combines with natural vitamins A and E in soy to promote healthy skin. Does not contain salt. Available in a variety of scents.

Lipsoy — Lip balm.

Soy Lotion — Hand and body lotion available in many scents.

SOY CANDLE COTTAGE

Soy Skincare — A complete line of soy-based products with no added alcohol or mineral oil. Includes baby lotion, baby cream, face cream, body cream, lotions and gift sets.

SOYSOFT

- **Skincare Products** — A complete line of products featuring a unique, nonsolvent process that expels and processes soy lipids while preserving the benefits of vitamin E, lecithin and essential fatty acids in the soybean.

SOY TECHNOLOGIES

Soyanol™ NPR-6 — A nail lacquer remover and treatment made of soy that quickly removes all nail lacquers and delivers a high-powered blend of nutrients.

Soyanol Cuticle Oil — A soy-based nail treatment system.

- **Soyderm Waterless Hand Cleaner and Conditioner** — A waterless hand cleaner and conditioner that is made from natural ingredients, including soy.

SOYWORLD USA

SoyMagic Natural Body Lotion — A deep penetrating lotion that moisturizes without feeling heavy or greasy.

SoyMagic Natural Face Cleanser — A face cleanser that gently removes makeup and dirt and banishes bacteria without irritation.

SoyMagic Natural Face Moisturizer — A soy-based formula that reduces blotchiness and discoloration. The soy properties in the moisturizer enhance the skin's elasticity, controls oil production and helps reduce unwanted hair. Full of antioxidants.

SPARTAN CHEMICAL COMPANY INC.

- **BioRenewable Lite'n Foamy Sunflower Fresh** — A biobased foaming hand, hair and body wash formulated with ingredients made from renewable resources.
- **BioRenewable Waterless Hand Cleaner** — A hand cleaner formulated with a soybean solvent base to remove heavy-duty soils safely and easily.

RECREATION

ASTROTURF

- **AstroTurf** — Artificial grass made with soy-based backing.

REAL ACTION PAINTBALL, INC.

RAP 4 ECO Friendly Field Paintballs

Soy oil partially replaces polyethylene glycol to protect the environment.

SEALANTS

BIOBASED SPRAY SYSTEMS

BioRestore Asphalt Rejuvenator — A soy-based product that protects new asphalt pavement from oxidation.

BIOSPAN TECHNOLOGIES

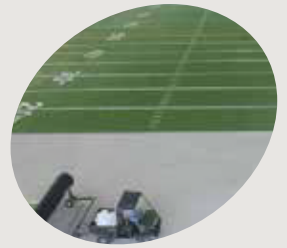
- **RePLAY™ Asphalt Sealant** — An agricultural oil seal and preservation agent that extends the life of paved asphalt surfaces when applied every 3-5 years. The 88 percent biobased solution is easily applied and works deep into the asphalt matrix. There is no need to restripe with RePLAY. It also helps maintain skid resistance.

NATURAL SOY PRODUCTS

Soyguard Premium Water Repellant and Wood Sealer — A soy-based finish that is pressure treated for lumber products. It protects exterior wood against water, swelling, warping and weathering.

Soyseal Concrete Sealer and Waterproofer — Seals and waterproofs concrete and other masonry products.

Soyseal Wood Sealer and Waterproofer — A high-performance green alternative to traditional products. It is a soy-based sealer for all wood, decks and docks.



AstroTurf

BioCel™ technology, created by Universal Textile Technologies, replaces petroleum-based ingredients with soy polyols in AstroTurf backing used at Bill Davis Stadium at The Ohio State and sports fields across the nation.



BioSpan Technologies

RePLAY™ Agricultural Oil Seal and Preservation Agent is a patented solution that extends the life of paved asphalt surfaces when applied every 3-5 years.



Natural Soy Products

SoyGuard deck sealer and water repellent is made with methyl soyate, a derivative of soybean oil. It's nontoxic, nonflammable, biodegradable, low odor and won't deplete the ozone layer, and cleans up with soap and water.



INDUSTRIAL PRODUCTS

Using biobased products in the operation and maintenance of existing buildings and newly constructed and renovated facilities offer opportunities to earn credits toward LEED Certification.

The LEED Green Building Rating System™ was developed by the U.S. Green Building Council (USGBC) www.usgbc.org. This internationally recognized green building certification system provides third-party verification that a building or community was designed and built using environmentally sound strategies. LEED ratings are based on energy savings, water efficiency, CO₂ emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts.

ADHESIVES

ADCO CORP.

Millenium One Step™ Green Insulation Adhesive —

A highly elastomeric, one-step, all-purpose, foamable adhesive that contains no solvents, sets in minutes, and is designed for use with ADCO's patented application process.

APPLIED PROTEIN SYSTEMS

PSA64MA Textile Cone Adhesive — Replaces petroleum-based polymers with an environmentally sustainable material that is strong, heat resistant and cold water soluble.

COLUMBIA FOREST PRODUCTS

NaturalBlend™ — A soy-based adhesive for kitchen cabinetry and other applications.

E2E

Soy Skins™ — An adhesive wood bonding film used for laminants.

FRANKLIN ADHESIVES

Multibond MX-100™ — A bio-modified adhesive.

H.B. FULLER

Liquamelt® Adhesive and Equipment System — Used for packaging, this liquid, rapid-set material is formulated with soybean derivatives and is a "cool-on-delivery, hot-on-demand" adhesive system.

NIEMANN & ASSOCIATES

SoyGrip™ — A binding adhesive for fiberglass.

SOLENIS

Soyad™ Adhesives and Soyad Co-Adhesives — The systems of choice for industry-leading manufacturers who want to stay ahead of formaldehyde regulations and help improve indoor air quality.

STATES INDUSTRIES, LLC

Elemental — A soy-based wood composite adhesive that is formaldehyde-free.

W.F. TAYLOR

Meta-Tec® Products — creates a permanent bond that, when fully cured, is waterproof, extremely strong and environmentally friendly. Meta-Tec® products are one-part formulations that replace and out-perform more costly epoxy, urethane, and acrylic adhesives and are easy to use, easy to clean up, and very installer friendly. There are eleven soy-based adhesive products for floor covering installations:

Meta-Tec® Floor Covering Adhesives
(2020, 2071, 2083, 2084, 2089, 2090, 2091);
Meta-Tec® MS-Plus® Resilient™ MBA®;
Meta-Tec® MS-Plus® Advance™.

AGRICULTURAL ADJUVANTS

CENDAK (formerly **AGRILIANCE**)

Class Destiny — Used with post-emergence products which recommend the use of a crop oil concentrate or methylated vegetable oil.

Preference — Used with post-emergence products which recommend using a nonionic surfactant. It is the first nonionic to replace a significant portion of its petroleum-based active ingredient with a crop derivative.

Rivet — MSO silicone adjuvant and nonionic silicone wetter that enhances the consistency of certain postemergent herbicides for corn, cotton, soybeans and sorghum.

GROWMARK INC.

Archer Soy Spray — High quality crop-based oil for use in post-emergence spray applications.

HELENA CHEMICAL COMPANY

- **Aero Dyne-Amic** — A proprietary formulation of surfactants, oils, emulsifiers and buffering agents specifically designed for use with insecticides and fungicides.

- **Barrage HF** — An enhanced ester broadleaf herbicide that offers faster performance, low volatility and easier application.
- **Dyne-A-Pak** — Multicomponent adjuvant providing methylated seed oil and nitrogen fertilizer solutions.
- **Dyne-Amic** — A blend of methylated seed oils and organosilicone-based surfactants that delivers coverage comparable to nonionic surfactants with the physical properties of a crop oil concentrate.
- **Joint Venture** — A blend of nonionic surfactants and esterified fatty acids. Designed for use with insecticides, fungicides and miticides.
- **Methylated Spray Oil Concentrate** — A blend of methylated oils and nonionic surfactants for use where an oil concentrate is recommended.
- **Soy-Dex** — Vegetable oil formulated from a blend of soybean and nonionic surfactants designed to maximize the performance of pesticides.
- **Transcend** — A micro-emulsifying, buffered oil/silicone adjuvant for low-volume ground application.
- **Vegetable Oil Concentrate** — A blend of refined vegetable oils and nonionic surfactants that maximize the performance of pesticides.
- **Wild Card** — A broadleaf herbicide alternative to 2,4-D in cereal crops.

BIODIESEL

AG ENVIRONMENTAL PRODUCTS

SoyGold Biodiesel — B2 to B20.



Helena Chemical Company

Soy-based adjuvants like Duce are designed for herbicides that require an oil or surfactant. It spreads better than a standard methylated seed oil and helps improve spray tank clean-out.



Biodiesel

Biodiesel is the only domestically produced and commercially available fuel to meet the Environmental Protection Agency's definition of an advanced biofuel. It provides one of the best carbon-reduction strategies available with today's vehicle technologies.



Hampel Oil Distributors

Hampel Oil Distributors blend safe, biodegradable biodiesel in its pure form (B100) or blended with petroleum diesel.



American Coatings Corporation

NoBee-300 is made from the highest grade of soy methyl esters which are produced through the transesterification of pure soybean oil.



Bi-O-Kleen

Citrus Soy Solvent uses soy-based technology to combine soybean oil and citrus in a nonflammable, noncombustible cleaner that dissolves gum and wax, but is gentle to skin.

CARGILL INDUSTRIAL OILS & LUBRICANTS

Methyl Soyate — An industrial cleaning solvent as a replacement in metal cleaning and precision cleaning applications.

CRYSTAL FLASH

Biodiesel

CYTOCULTURE INTERNATIONAL, INC.

- **CytoSol BioSolvent** — A biodegradable shoreline cleaner to 'Lift and Float' oil from impacted marshes, mudflats and beaches.

GRIFFIN INDUSTRIES

- **Bio G-3000®** — Premium Biodiesel Fuel.

RENEWABLE ENERGY GROUP

- **REG-9000®** — Up to B100.

HAMPEL OIL DISTRIBUTERS

- **Biodiesel** — B2 to B100.

PETER CREMER NORTH AMERICA

- **Oleochemicals** — Light- and heavy-cut methyl esters, broad- and mid-cut methyl esters and heavy-cut methyl esters.

RENEWABLE LUBRICANTS

- **Bio-SynXtra™ Trans-Hydraulic Fluid and Low Viscosity** — A universal tractor fluid that incorporates stabilized additive technology with vegetable oil biobased stocks.

RENEWABLE ENERGY GROUP

- **REG-9000®** — Up to B100.

CLEANING SUPPLIES AND DEODORIZERS

AMERICAN COATINGS CORPORATION

- **NoBee-300** — An alternative to solvent-based cleaning formulations for mastic removal and as a general industrial cleaner for grease, adhesives and tars or asphalt. Essentially odor-free, with a flash point greater than 300 degrees Fahrenheit.

ATAGENCER, LLC

Industrial soy-based solvents and cleaners for the removal of tar, grease, oil, ink, graffiti and paint.

ATHEA LABORATORIES

- **Pure EZ Degreaser** — A safe alternative to hazardous petroleum-based degreasers or harsh alkaline cleaners. Combines d-limonene and soy to dissolve the heaviest grease deposits. Ideal for use on concrete, masonry, machinery, motors, equipment, metal parts, parts washers, fabric, rugs and upholstery.

BI-O-KLEEN INDUSTRIES, INC.

- **Citrus Soy Solvent** — A multi-purpose cleaning solvent made with soybean oil extract to make it a much safer and natural alternative. Nonflammable, non-combustible and gentle to skin. It dissolves gum, wax, paint, adhesives, tar and more.

P.O.G. — Paint, Oil and Gum Solvent

Soy Cream Cleaner — A cleaner that effectively shines, cleans and protects many surfaces without scratching and without toxic chemicals. It's safe for linoleum, porcelain, chrome, stovetops, sinks, countertops, tub-n-tile, grout and more.

Soy Toilet Scrub — A toilet cleaner made from soybean oil extract, natural volcanic perlite and grapefruit seed extract. It is natural, nontoxic and gentle.

BIOSPAN TECHNOLOGIES

- **Alkaline Cleaner™** — An all-in-one cleaner/degreaser concentrate. It has a high pH with free alkalinity. Use it for degreasing, protein removal, or fat/lipid removal.
- **First Choice™ Non-alkaline Cleaner** — A highly concentrated liquid formulated to clean washable, non-porous hard surfaces by dissolving and/or emulsifying the soils.
- **GR-3690™ Graffiti Remover** — Formulated to chemically remove pencil, pen, asphalt and other soils from non-porous surfaces. This product is safe for the user and for the environment. It is biodegradable and nontoxic. May also be used in parts washers as a heavy-duty degreaser/cleaner
- **HR3700™ Waterless Hand Cleaner** — Waterless hand cleaner. It is gentle on skin, but tough enough to cut through grease, oil and other materials
- **MG Degreaser™** — Formulated to remove medium to heavy soils with mechanical cleaning equipment, high/low pressure spray, or manual cleaning. It is USDA approved Category A-1. Use it in high-pressure washers, soaking baths, low-pressure spray, spot degreasing, steam cleaning, ultrasonic tanks, parts washing or floor scrubbing. It dissolves oil, dirt, grease and organic compounds. It is safe to use on all your washable surfaces including metals, glass, vinyl, plastic, sealed concrete and ceramic tile.
- **Neutral Cleaner™ Concentrate** — An excellent, economical all-purpose cleaner. It is true neutral pH: 7.0000 pH. Use it on metals, glass, plastics and composites. It is safe for all non-porous washable surfaces. Neutral Cleaner can be used in manual cleaning or in high/low pressure mechanical washing.

CENDAK

Barrier — Pour into manure pits to create a seal between the manure and air. Hydrogen sulfide emissions are reduced by up to 75 percent. Reduces ammonia emissions by up to 40 percent.

CHEMISPHERE CORP.

Mast Away MA-99 — Designed for use on almost every mastic removal job. With almost no odor, our MA-99 Soy-Pro can be used in occupied buildings, and it has a flash point over 400 degrees! MA-99 Soy-Pro works quickly to remove mastic found under vinyl asbestos tile (VAT), vinyl composite tile (VCT), ceramic tile, and even on the really tough yellow or tan mastics used to glue down carpet.

CORTEC CORPORATION

- **Ecoline® Surface Cleaner and Degreaser** — A full strength, industrial-grade surface cleaner and degreaser. Dilutable with water up to 1:1, can be used in both industrial and commercial applications. Specially designed for environmental and safety characteristics, the heavy-duty cleaner has a nearly neutral pH so no special safety equipment is required during use.

COX INDUSTRIES

- **SoyBase Clean** — A line of soy-based biodegradable, all-in-one industrial degreasers and floor cleaning solutions. The degreaser was originally produced for the tire manufacturing industry because of its heavy degreasing power. SoyBase Clean also acts as a rust preventative and can be used as a lubricant for machinery to add service life. SoyBase Clean contains a sealing agent that coats floor surfaces, leaving a satin shine and added surface durability.



Chemisphere

Soy in MA-99 Soy-Pro Mastic Remover eliminates odor so it can be used in occupied buildings, and it has a flash point over 400 degrees.



Cortec Corporation

Ecoline Cleaners made of soy perform like heavy-duty cleaners, without special safety requirements.



Daycon

Soy-based cleaning products are cost-competitive and as effective as petroleum-based materials. They also help corporations earn U.S. Green Building Council LEED certification. Daycon manufacturers 15 Green Seal Certified® biobased products and partners with companies to develop cleaning programs to protect the health of staff and building occupants.



Franmar

Blue Bear products are based on BEAN-e-doo® soy technology which was developed by Franmar, with support from the United Soybean Board, to replace mineral spirits with soy in screen printing operations. The company continues to develop economical and effective soy-based cleaning solutions.

CPC AEROSCIENCE, INC.

Degreaser and Deodorant — Complies with VOC guidelines. The safest alternative to using chlorinated solvents for degreasing metal surfaces. Heavy flushing action quickly dissolves and removes grease, grime and oil. High pressure spray penetrates, loosens and lifts contaminants away. Parts can air-dry leaving negligible residue, or be rinsed with water.

DAYCON

Citra-D — A ready-to-use, citrus cleaner and degreaser. It quickly dissolves grease, grime, oil, wax, dirt, ink, resin, carbon soot and soap scum.

Graffiti-B-Gone Gel — Formulated to aid in the quick removal of unsightly graffiti. It is a highly-alkali gel which may be applied to vertical surfaces to loosen any graffiti. Graffiti-B-Gone Gel is methylene chloride free.

DESILUBE TECHNOLOGY

Desiclean 1000 — A vegetable oil-based cleaner/degreaser designed for multi-purpose uses. It can be applied by dipping, spraying and brushing.

EARTH FRIENDLY PRODUCTS

Stainless Steel Cleaner Polish and Graffiti Remover

ECO SAFETY PRODUCTS, LLC

Ecoprocote Soy-It All-Purpose Degreaser — Replaces highly volatile products such as petrochemical-based products, mineral spirits, d'limonene and Naptha. It is a high-performance industrial cleaner/degreaser that is biobased, nonflammable, nontoxic and is very low in VOC. A safe and effective solution for automotive, aircraft, agricultural, marine cleaning and general degreasing operations. May be used to prepare substrate surfaces for painting, sealing, or application of other coating finishes.

EOS® REMEDIATION, LLC

EOS — Emulsified oil products that are engineered to optimize subsurface conditions that promote anaerobic bioremediation. EOS technologies are suitable for remediating chlorinated solvents, perchlorate, energetics and oxidized metals.

FLOTEK INDUSTRIES

ECO-300™, MFS-Green™ — Oil storage tank cleaners.

FRANMAR CHEMICAL, INC.

- **Aquawash** — Cleans all types of water-based inks, including discharge inks, and works as a screen opener while still on the press. Virtually no odor, 100 percent biodegradable, drain safe and no caustics.
- **Blue Bear Parts Washer** — An extremely effective parts cleaner for any shop. Meets all regulations for VOCs and Vapor Pressures. With a flash point of over 400 degrees fahrenheit it can be used hot or cold safely.
- **Color Wash** — Cleans as efficiently as chemicals such as methylene chloride without environmental or safety hazards.
- **Blue Bear 700DG Degreaser** — An all-purpose concentrated cleaner for hard surfaces. Cleans oil, grease, dirt and grime from asphalt, concrete, metal and painted walls.
- **Multi-Purpose Ink Remover** — An environmentally safe ink cleaner designed for recirculation tanks. Can be diluted up to 50 percent with water.
- **700AD Adhesive Remover** — A biobased cleaner that works quickly and effectively. It easily removes adhesive buildup and cleans up with water.
- **Blue Bear 500 MR Mastic Remover** — Rinses clean and does not leave a residue.

FRANMAR CHEMICAL, INC.

- **Poly-U™** — An industrial-strength polyurethane adhesive remover made with 100 percent American-grown soybeans. Use on pre-engineered wood floors, UV finished wood floors or concrete substrates. Works without harsh odors and is nontoxic, nonhazardous, 100 percent biodegradable and safe to use indoors. Gel formula makes it easy to apply. It easily cleans up with water. No neutralizing is needed.

GEMTEK

SAFE CARE® products offer the industrial user powerful and effective cleaners, degreasers, solvents and specialty products without the environmental or personal hazards associated with traditional, toxic chemistries. Safe to use, store and dispose of, they comply with all applicable OSHA, SARA, SNAP, USEPA and USDA regulations for safety. Highly filterable and reusable, they will not damage the cleaning surface or react with other chemistries that are compatible with water and include:

- **1000 Aqueous Cleaner Concentrate**
- **2000 All-Purpose Cleaner**
- **Aircraft & Metal Cleaner**
- **Carpet & Upholstery Spotter & Shampoo**
- **EZ Solv™ Safety Solvent**
- **Floor & Tile Cleaner**
- **Glycerin Bath Bar** — Nontoxic, non-carcinogenic, biodegradable glycerin bars are made of an SC-1000 soy-based aqueous nonionic surfactant system that is used in a variety of industrial applications. It has an INCI listing for facial cleaning. Removes tough soils like petroleum, asphalt, tar, latex paint, inks, grass, blood and wine without harsh detergents or oxidizers, leaving skin smooth and fully hydrated.

- **Graffiti, Tar & Gum Remover**
- **Heavy Duty Hand Cleaner**
- **Laundry Stain Remover & Pre-soak**
- **Magic Pan Hand Dishwashing Liquid**
- **Maxisolv™**
- **More Than Glass™ Cleaner**
- **Multi-Surface Cleaner**
- **Odor-Ex® Cleaning Deodorizer**
- **Odor-Ex® Odor Neutralizer**
- **OmniBrite Acid Cleaner**
- **OmniBrite Alkaline Cleaner**
- **Oven and Grill Cleaner**
- **Premium Laundry Detergent**
- **Presolv Ink Remover**
- **Stainless Steel Cleaner**
- **SuperSolv Safety Solvent**

GLOBAL BARRIER COATINGS

Mining Release Agent — Eliminates or greatly reduces buildup from truck beds and equipment.

GOJO INDUSTRIES

Eco Soy — Foam hand cleaner gently and effectively removes light to medium soils from hard-working hands. The foaming action cleans better than a general restroom soap but is not as aggressive as a heavy-duty gritted formula. Cleaning is powered by soy, a renewable, natural resource. The grit-free foam formula with an invigorating fresh scent leaves skin feeling clean and refreshed.



Gemtek

As part of the approval process for an Australian-based airline carrier, GEMTEK Products completed testing for SC-Aircraft & Metal Cleaner and SC-EZ-Solv Safety Solvent for exterior aircraft cleaning. SC-EZ-Solv was tested by the airline and proven to be a very fast and effective cleaner for removing built-up hydrocarbon soils on aircraft exteriors.



GoJo

Eco Soy foam hand cleaners gently and effectively remove light to medium soils from hands in industrial and commercial installations.



IOSSO Products

Soy-based Bore Cleaner concentrated paste cannot spill or run into wood stocks, grips or mechanisms. The biobased formula is USDA Certified and designated for federal procurement.



Natural Soy Products

"Soy Powerful" nontoxic, biodegradable Adhesive Remover dissolves sticky situations and washes clean with soap and water.

GROWMARK INC.

Archer Kleenease — A solvent that is made from 100 percent American-grown soybeans and no chemicals. It easily removes grease, oil, asphalt, paint, and tar and is great for washing parts and engine degreasing.

HAMPEL OIL DISTRIBUTORS

Patriot Power Plus 30 — Industrial cleaner that is water-rinsable. For parts cleaning, degreasing, graffiti removal and concrete floor cleaning. Also used as a penetrant and rust preventative. Readily biodegradable.

IOSSO PRODUCTS

- **Bore Cleaner** — Concentrated paste that lasts longer and takes less time to clean than ordinary liquid or aerosol cleaners. Non-corrosive, nonflammable and has no offensive odors or rust.
- **Safe-T-Solve Industrial Strength** — Fast acting, water-based, petroleum-free cleaner with a high flash point and low VOC. EPA registration is not required. Removes cutting fluids, petroleum residue, road tar, graffiti, chewing gum and more.

NEW CENTURY COATINGS

Agrisolv — Removes oil, grease and adhesives from concrete surfaces and automobile parts.

NATURAL SOY PRODUCTS

Adhesive Remover — A non-abrasive, user-friendly, soy-based cleaner that emits no toxic fumes. It has a high flash point, performs exceptionally well on most surfaces and rinses clean with mild soap and water.

All-Purpose Cleaner — An all-purpose product that cleans any surface with no rinsing. Does not create film or streaks as it cleans and brightens.

All-Purpose Cleaner Concentrate — An all-purpose cleaner for any surface not harmed by water. It outperforms traditional, toxic petrochemical-based cleaners.

Basin Tub and Tile Cleaner — A soy-based cleaner that rapidly removes soap scum, lime, scale, and body oil deposits from shower walls and doors, sinks, ceramic tile, fiberglass, vinyl, porcelain and stainless steel.

BBQ & Grill Cleaner — A high-performance green alternative to traditional products. It removes charcoal, grease and burnt-on barbeque residue from grills and smokers. BBQ & Grill Cleaner was tested by the Wall Street Journal and determined to be the most effective product, even compared to traditional, toxic products. *(Wall Street Journal, June 21, 2007)*

Clinging Toilet Bowl Cleaner — A soy-based product that cleans without harsh chemicals.

Drain & Septic Treatment — Environmentally preferred Drain & Septic Treatment effectively breaks down and digests the odor source rather than masking it.

Driveway, Sidewalk and Patio Cleaner — A biodegradable product that effectively cleans concrete, brick or rock surfaces. It removes grease, tar, oil stains and dirt.

Dry-Erase Markerboard Restorer — A versatile cleaner that uses soy to keep whiteboards looking like new without the fumes.

Enzyme Stain Treatment — Environmentally preferred Enzyme Stain Treatment breaks down, deodorizes and digests severe stains and odors. Works on starches, oils, urine, blood, feces, fats and greases.

NATURAL SOY PRODUCTS

Furniture Polish and Protector — An environmentally preferred nontoxic emulsion that cleans, polishes, protects and restores hard surfaces in one application. The hard sheen allows the natural beauty of the surface to shine through. Treated surfaces will resist resoiling and fingerprints longer than conventional polishes. Safe for use on metal, glass, plastic, aluminum, chrome, or any surface not harmed by water. Replaces wax-based polishes that can be harmful or fatal if swallowed as well as abrasive polymers that can scratch surfaces. Contains natural solvents, oils, and detergents plus polymers that protect and beautify a multitude of surfaces.

Glass Window Cleaner — Ammonia and fume free, this soy-based cleaner works on contact to remove fingerprints, soil and water spots with minimal wiping. Cleans, degreases and de-oils glass and plastic in one application. Leaves no residue, films or streaks.

Graffiti Remover — Removes all colors of spray paint, permanent markers, inks and lipstick from almost any surface.

Heavy-Duty Degreaser and Cleaner — An alkaline, water-dilutable, heavy-duty green cleaner/degreaser. Removes automotive, industrial and kitchen soils/oils instantly.

Kitchen Degreaser — Ammonia and fume free, this degreaser works on contact to remove fingerprints, soil, water spots, etc. with minimal wiping. Cleans, degreases and de-oils glass and plastic in one application. Leaves no residue films or streaks.

Lime & Scale Remover — Environmentally preferred Lime & Scale Remover is a naturally derived, pleasant smelling, non-fuming acidic cleaner. It cleans and descales coffee and tea pots, ice makers, sinks, porcelain fixtures and fiberglass showers.

Mold & Mildew Remover — This soy-based cleaner removes most mold and mildew build-up in minutes without the use of hazardous chlorine based ingredients.

Neutral pH Cleaner — Nontoxic, noncombustible and more concentrated than almost all other degreasing cleaners, it works on contact to eliminate customary wait times. Safe for use on varnished surfaces, it is equally effective in hard or soft water, and is biodegradable. Neutral pH Cleaner is an all-temperature degreaser that dilutes with cold, warm or hot water.

Stinky Pee Eater — Environmentally preferred Stinky Pee Eater effectively breaks down and digests the odor source, rather than just masking it. When sprayed in and around urinals after cleaning it will continue to eliminate odor for several days.

Super Citrus Cleaner — A naturally derived cleaner that is safer for the environment and humans than traditional cleaners. It biodegrades rapidly without the need of sewage treatment facilities. A non-alkaline, water dilutable degreaser/cleaner, it replaces corrosive, caustic, and Butyl-based degreasers that can instantly burn skin or permanently damage internal organs. It may be disposed of into sewers without pH adjustment.

Toilet Bowl Cleaner — Environmentally preferred Toilet Bowl Cleaner is a pleasant smelling, non-fuming, mild acidic cleaner. It cleans, de-scales and makes porcelain fixtures sparkle.

White Board Cleaner — A great way to keep whiteboards looking like new, without the fumes! A light mist is all it takes to remove even the oldest marks and tracings.

ORISON MARKETING, LLC

- **SoyMagic All-Purpose Cleaner** — Concentrated, all purpose cleaner.



Orison Marketing, LLC
Fresh scent All-Purpose Cleaner is a highly concentrated cleaner/degreaser that removes grime. The soy-based cleaner is not a soap, detergent or petroleum-based solvent, and will not react with other chemicals to create hazardous conditions.



Renewable Lubricants

Soy-based Bio-Parts Cleaner/Degreaser contains no hazardous Volatile Organic Compounds (VOCs) and has been formulated with antioxidants for improved stability.



SOYSolv

Made of 100 percent soybean oil, SOYSolv concentrate lasts three times longer than petroleum-based cleaners, which lowers material and labor costs. OSHA and EPA compliant, the product is biodegradable and safe for workers.

ORISON MARKETING, LLC

- **SC-Aircraft & Metal Cleaner™** — A Mil C 87937D, TYPE IV QPL-listed biobased surface release agent for wash rack and spot cleaning of military and commercial aircraft.

PHASE III, INC.

- **California Parts Washer** — Liquid concentrate cleaner and degreaser. Biodegradable, pH 7-8 in concentrated form. Rinses film-free. Less than 50g/L volatile organic compounds in dilution as tested by California South Coast Air Quality Management District.
- **Eliminator** — Industrial strength concentrate formulated to remove common soils, grease, oil, dirt, wax, gum, dye, inks, carbon, smoke and exhaust stains. Safe for use on metal, plastic, rubber, porcelain, concrete and wood surfaces.
- **Speed Release** — Removes heavy greases and oils, cleans silk screening equipment and tools and paints and adhesives. Acts as a protective film for metal rust prevention.
- **Soy Form Release** — Designed to prevent adhesion of concrete to forms and molds and to facilitate the cleanup of concrete forms for further use.

RENEWABLE LUBRICANTS, INC.

- **Bio-Cleaner/Degreaser (Plus Corrosion Protection)** — Can be used to replace petroleum solvents for cleaning parts and equipment. This safe, nonflammable product contains no volatile organic compounds (VOCs), and has been formulated with antioxidants and corrosion inhibitors for improved stability.
- **Bio-General Purpose Cleaner/Degreaser** — A safe, nonflammable product that contains no hazardous VOCs. Excellent electrical insulating value. May be used as a straight solution or may be solubilized with water before use.

- **Bio-Soy Orange™ All-Purpose Degreaser/Cleaner** — Biobased, biodegradable degreaser/cleaner that is a safe improvement over petroleum solvents.

RESTORE NATURAL PRODUCTS

The Restore product line includes biobased laundry detergents, dish soaps and household cleaners that use soy-based surfactants.

SO CLEAN SOLUTIONS

Multi-Purpose Cleaner — A nontoxic cleaner that cuts grease and grime. Cleans a variety of surfaces from countertops to machinery and tools. Leaves a fresh citrus scent.

SOLVENT SYSTEMS INTERNATIONAL

Hero Biobased Floor Cleaner — A cleaner that can be used in automatic floor cleaners or with manual mopping. Hero cleans with plant power while alleviating disposal problems. It has a readily disposal rating and is municipal sewer system friendly.

SOYSAFE PRODUCTS, INC.

- **SoySafe™ Heavy-Duty Hand Cleaner** — Nontoxic hand cleaner is all natural, nonflammable, and certified biodegradable. Contains vitamin E and no pumice. Not available for customers located in California.

SOYSOLV

SOYSolv® — Made from 100 percent soybean oil, tested and proven to be a safe, effective and powerful product for use in many applications including as a lubricating cleaner, asphalt release, grease and oil cleanup, for mastic and adhesive removal, tar and asphalt removal, rubber compound cleaning and welding cleanup.

SOY TECHNOLOGIES, LLC

Biobased solvents are soy-based blends formulated to replace many common terpene and petrochemical-based products including mineral spirits, d-limonene, naphtha and toluene.

- **SoyGreen® Bio-Solvents** — SG1000 is designed for metal cleaning and polishing; SG5000 is the same chemistry but more aggressive for paint removal, ink cleanup, mastic removal; SG6000 is a thickened version of SG5000 for vertical applications.

- **SoyStop™ Anti-Graffiti Barrier System**

- **SoyFast™ All-Purpose Cleaner** — A clear, soy-based, nontoxic, biodegradable formula with incredible grease cutting power, yet contains no butyls, abrasives or strong alkalines.

- **SoyDerm® Waterless Hand Cleaners**

SPARTAN CHEMICAL COMPANY, INC.

- **BioRenewables™ Glass Cleaner** — May be used to clean and polish any hard surface not harmed by water such as: window glass, panes and sills; mirrors, countertops, chrome, automobile glass, fluorescent lights and tubing, and any other glass or mirror finish.
- **BioRenewables Restroom Cleaner** — A biobased product designed to clean toilets, urinals and shower rooms. This restroom cleaner features a cool citrus floral fragrance and a blue color.
- **BioRenewables Industrial Degreaser** — A water-rinsable, industrial strength degreaser designed to be used in concentrated form. Formulated with new soybean oil technology and boosted with d-limonene, this degreaser tackles the toughest tasks.

SPRAYON

- **Sprayon® CD™ 406 Eco-Grade™ Soy Degreaser** —

A unique soy-based solvent blend that quickly penetrates and loosens a variety of industrial soils. Formulated to replace many common terpene and petrochemical-based products.

TWIN CHEMICALS, INC.

- **Envirosafe** — Soy-based mastic remover.
- **Pronto Supersoy for Wood Floors**

TTI FLOOR CARE NORTH AMERICA (formerly Nutek)

- **Simply Soy™** — Cleaner and lubricant.
- **Grime Off™** — Cleaner and degreaser.

VERTEC BIOSOLVENTS, INC.

- **Ink Zapper** — Soy-based press and blanket wash.
- **Vertec Gold** — Patented industrial solvent based on a blend of methyl soyate and corn ethyl lactate.

WORKCELL SYSTEMS, INC.

- **Glysol Parts Cleaning Fluids** — Replaces mineral spirits in solvent-type parts washers. Cleans heavy grease, oils, dirt, carbon and some coatings. Glysol SA semi-aqueous formula cleans solvent and water-soluble soils and rinses cleanly with plain water.

ZEP MANUFACTURING

- **Shell Shock Heavy-Duty Hand Cleaner** — Soy-based industrial strength hand cleaner.



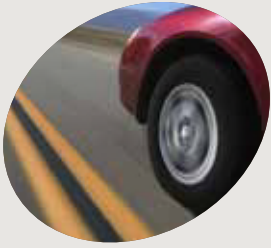
Spartan

BioRenewables Glass Cleaner uses powerful soybean oil to remove tough grease, smoke, dust and dirt from glass and plexiglass.



Zep

Shell Shock is a heavy-duty industrial hand cleaner that utilizes the natural cleaning power of soy solvents and abrasive walnut shells to clean the toughest grime and grease.



BioSpan Technologies

C-Patch uses soy technology in an asphalt cement product with fiberglass and aggregate for concrete patching.



Eco Safety Products

Acri-Soy uses soy ester technology to perform like petroleum-based solvents, to seal concrete, wood or masonry surfaces without toxicity or odor. The soy-based coating fills in pores and protects against moisture, mold and staining.

CONCRETE SUPPLIES

ATAGENCER, LLC

Soy Form Release — Releases agent for concrete forms. Water-based, nontoxic, sprayable, with soap and water cleanup. VOC compliant.

Soy-based Concrete Seals — Release agent for concrete forms and seals. Nontoxic, sprayable, water-based. VOC compliant.

SoySeal — Concrete sealer, deck sealer and waterproofer.

BIOSPAN TECHNOLOGIES

- **C-Cure® Concrete Curing Agent** — Formulated to provide smooth, complete clear curing concrete. C-Cure is nontoxic, environmentally friendly, and safe on all surfaces. When used according to the directions, it will form an integral clear microscopic film on the wet concrete surface, thus retarding evaporation and allowing for a better, more complete cure.
- **Concrete Truck Cleaner** — Environmentally safe alternative to using dangerous muriatic acid cleaners for your concrete trucks. It is safe on your metal surfaces and removes the concrete without bleaching the substrate or etching truck surfaces.
- **C-PATCH** — Can be used everywhere exposed concrete is present and needs repair. It bonds to any clean concrete surface and is ready for 18-wheel traffic after three to four hours. C-Patch uses a patented fiberglass-reinforced concrete formulation that makes it extremely strong, yet lightweight and durable.
- **FR-4400™** — A patented biodegradable forms release agent. It works on metal, wooden, and fiberglass forms, and also helps retard corrosion.

CORTEC

MCI Ecocure — Surface-applied soy-based curing agent/sealer containing Migrating Corrosion Inhibitors (MCI). Designed to retain the hydration water in freshly worked concrete, repel water and help prevent the scaling of the concrete surface brought on by freeze/thaw cycles. Provides protection to embedded reinforcement.

CRESSET CHEMICAL COMPANY

Crete-Lease® Bio-Tru®-Xtra Release Agent with Poly-Release® — A 100 percent biodegradable, 100 percent vegetable oil release agent for site cast and precast concrete construction applications.

Crete-Lease BioTru-Xtra Release Agency with Poly-Release — A soy-based and mineral oil release agent that provides stain-free removal of forms, form liners and pallets from hardened concrete and sprays from 20-120 degrees F. Meets ASTM ABiodegradable rule of reaching half-life in 28 days.

ECO SAFETY PRODUCTS, LLC

- **Acri-Soy** — Nontoxic penetrating clear concrete and wood sealer that is virtually odorless and protects against moisture, efflorescence, dusting, marring and stains.
- **Ecoprocote Architectural Soy-Concrete Stain** — A nontoxic soy-based semitransparent penetrating concrete stain that is virtually odorless. Created beautiful natural color variations unique to each surface, similar to acid stains. Installs quickly.
- **Ecoprocote Soy Concrete and Wood Sealer** — Soy-based, penetrating, clear concrete and wood sealer that is virtually odorless and provides protection against moisture, efflorescence, dusting, marring and stains.

ECO SAFETY PRODUCTS, LLC

- **Ecoprocote Soy-Based Colorants** — 100 percent solids with low soap content for better water resistance and less fade. Complete soy-based technology. Use in concrete and polymer concrete.
- **Ecoprocote Surface Prep** — Soy-based concrete and wood surface prep used to remove oil, grease, sap and adhesives prior to application of paint or stain.

ENVIRONMENTAL LUBRICANTS MANUFACTURING

- **Biodegradable Concrete Form Release** — A biodegradable, nontoxic, stain-free concrete form release agent formulated with seed oil that permits easy removal of wood and steel forms.

FRANMAR

- **Blue Bear 800GP Concrete Release** — Makes working with concrete forms quick and easy. Can be applied to the surface before pouring to keep concrete from bonding to forms.

GEMTEK

- **SC Safe-T-Solve Concrete Cleaner** — A blend of SC-1000 and SC-Supersolve used in cleaning parking structures, sidewalks, building exteriors, automotive shops and for manufacturing plant maintenance. Removes lubricants, paint, chewing gum, tar and stains from concrete and most hard surfaces.

GROWMARK INC.

- **Archer Quick Release** — Non-petrochemical, biodegradable asphalt release agent that works as a diesel fuel. Non-toxic, environmentally friendly material made of soybean oil.

MBI INTERNATIONAL

Soy-based Cure & Seal — ASTM C-309 compliant sealer for freshly painted concrete. Water-based and nontoxic, it is sprayable and cleans up with soap and water. VOC-compliant.

Soy Form Release — Water-based, nontoxic sprayable release agent for concrete forms.

Soyseal — Concrete sealer, deck sealer and waterproofing material.

NATURAL SOY PRODUCTS

Soy Form Release — Designed to prevent adhesion of concrete to forms and molds and to facilitate the cleanup of concrete forms for further use.

QC CONSTRUCTION PRODUCTS

- **QC EcoSoy System** — Biobased decorative concrete system that uses soy technology to provide a low-cost, non-hazardous alternative to stains and sealers, without compromising appearance. Green-building LEED-compliant and available in 15 standard colors.

RENEWABLE LUBRICANTS, INC.

- **Bio-Concrete Mold Release Fluid** — A low-viscosity, modified and corrosion inhibitor formulation.

SMD PRODUCTS COMPANY

SMD 70 — Concentrated soy-based release agent.

SOYSOLV

Concrete Form Release Agents — Soy-based release agent for concrete forms.

Concrete Curing Agents — ASTM C-309 compliant concrete curing agents.



QC Construction Products

QC EcoSoy System uses soy technology to create a low cost, non-hazardous alternative for stains and sealers that does not compromise the beautiful look and high-quality finish of decorative concrete projects.



Cargill

Designed for use in new and existing utility transformers, Envirotemp™FR3™ fluid is the first dielectric product to have the environmental technology verification (ETV) report issued by the United States Environmental Protection Agency. FR3 fluid is currently in more than 450,000 transformers worldwide.



Bridgestone Americas

Every Bridgestone agricultural tire contains soybean oil as part of its chemistry.

TWIN CHEMICAL, INC.

- **Take-It-Off Concrete Sealer and Stain Remover** — A unique product designed to remove coatings and sealers from concrete slabs and surfaces. It removes most dissipating sealers, floor sealers, wax sealers, and acrylic and latex sealers.

DIELECTRIC FLUIDS

CARGILL INDUSTRIAL OILS & LUBRICANTS

- **Biotrans Dielectric Oil** — Biobased transformer fluid. Engineered using naturally derived soybean oil.
- **Envirotemp FR3** — Renewable dielectric fluid made from soybean oil that is used in a variety of applications for transformers and other electric equipment. Provides outstanding performance, safety and environmental protection.

DUST SUPPRESSANTS

BIOSPAN TECHNOLOGIES

- **DeDust™** — Calcium chloride-free dedusting agent. It works better than calcium chloride, and there is no risk of inhaling dust while applying the solution. DeDust is highly concentrated — use .50 ounce per 5 gallons of water. 50 percent biobased material.
- **Encapsulate™** — Eliminates most dust by encapsulating the particles which cling to each other. It is biodegradable and will not interfere with asphalt or concrete mixes.

ENVIRONMENTAL LUBRICANTS MANUFACTURING

- **ELM Dust Suppressant & Stabilizer** — A readily biodegradable, nontoxic dust suppressant and stabilizer. Formulated with natural seed oils and proprietary emulsifiers and surfactants to safely control dust while minimizing environmental impact.

RSC BIOSOLUTIONS

- **Envirologic 500** — Dust-control concentrate. Can also be used as a concentrate or diluted as a mold and form release oil.

SOYSOLV

- **Soykill Dust Suppressant** — Provides dust control for a variety of situations, including gravel roads and lots.

FLEET MANAGEMENT

AG ENVIRONMENTAL PRODUCTS

Soygold Diesel Additive — An alternative fuel that can be used in neat form or blended with petroleum for use in diesel engines.

BRIDGESTONE AMERICAS

Agricultural Tires — Since 2014, the company continues to replace petroleum-based ingredients with soybean oil in all of the tires produced.

GROWMARK INC.

- **Archer Soyguard** — High-performance diesel fuel additive. Formulated using domestically grown soybeans. Aids lubricity, improves engine life, cleans injectors, lowers emissions, boosts performance.

INTERNATIONAL LUBRICANTS, INC.

- **Lubegard Bio/Tech Engine Protectant** — Contains patented liquid wax ester additives that help improve the protection of the oil film against wear. Reduces friction when engine is running.
- **Synergol FLA** — Diesel additive. Reduces wear in fuel injection systems using low-sulfur diesel fuels without increasing emissions, degrading fuel properties or sludging engine oils. Reduces friction in small diesel engines for easier starts and idling.

NATURAL SOY PRODUCTS

5th Wheel LubePaste — A biodegradable lube paste for sliding surfaces. Specially formulated to provide an economical, high-performance lubricant for applications such as fifth wheel tractor-trailer surfaces or marine push plates. Also provides anti-rust, anti-salt, and anti-corrosion properties to withstand the harsh operating environments.

Diesel Fuel Additive — A fatty acid methyl ester produced from 100 percent soybean oil which exceeds the standards set forth in ASTM D 6751 Standard Specification for Diesel Fuel (B100) Blend Stock for Distillate Fuels.

EP Plus Grease — Recommended for most fleet and industrial applications, suitable as fifth wheel grease, ideal for heavy-load applications engineered for off-highway equipment and extreme pressure applications, and recommended for environmentally sensitive areas near waterways.

- **NATURE'S BROOM** — An environmental absorbent for liquid spills. This patented biobased product encapsulates the spill on contact.

ORISON MARKETING, LLC

- **Soytruk Fifth Wheel Grease** — Developed specifically for truck fifth wheels, this soy-based grease thickeners and bioadditives inhibit rust and adhere to metal surfaces to reduce wear.

RENEWABLE LUBRICANTS, INC.

- **Bio-Booster Soy-Based Cetane Improver** — A soy-based cetane improver that is completely soluble in fuels and increases fuel ignitability.

- **Bio-Plus Injector Cleaner Gas Conditioner** — A multifunctional synthetic biobased gas additive that is formulated to provide excellent intake valve cleanliness and ensure clean, efficient combustion. Meets BMW criteria for lifetime intake valve deposit control with continuous use and is recommended for use in all grades of gasoline.
- **Bio-Power Summer Diesel Conditioner** — A diesel fuel conditioner formulated to improve fuel economy and power.
- **Bio-Power Winter Diesel Conditioner** — A diesel fuel conditioner that improves fuel economy and power, particularly in harsh, cold environments.
- **Bio-Value Lube Gas Conditioner (for off-highway use)** — Approved by the EPA for off-road equipment and marine engine manufacturers. Helps reduce valve seat, ring and upper cylinder wear in engines that operate at high RPMs or under heavy loads.

- **SoyPower Diesel Fuel Additive** — Lubricity additive for premium diesel fuel.

SCHAEFFER MANUFACTURING COMPANY

- **Soyshield** — A premium diesel additive that upgrades #2 diesel to premium. It boosts fuel economy, cleans injectors and increases lubricity to extend engine life and reduce emissions.
- **Soyshield Winter** — Specially formulated premium diesel additive that upgrades #2 diesel to premium in harsh, cool environments.
- **SoyUltra** — A gasoline additive has a frictional modifier and injector cleanliness package.



Nature's Broom

Soy-based Nature's Broom encapsulates and binds with oil and turns it into a nontoxic material that won't harm the environment.



Schaeffer Manufacturing Company

Soyshield is a concentrated multifunctional premium diesel fuel additive that is specially formulated for use in all types of diesel. It contains a unique blend of methyl soyate biodiesel derived from soybean oil and a highly concentrated multifunctional additive package.



Ecopath

Pentagon staff have taken many steps to shrink the 6.5-million-square-foot building's environmental footprint, including installation of more than 100 large mats, backed with EnviroCel™ polyurethane made from soy polyols.



Foam Products Corporation

Made from 100 percent high-density polyurethane foam using soy polyols, Eco Ultimate Silencer Acoustical Underlayment cushions wood and laminate floors and acts as a moisture barrier.

FLOORING

DOW CHEMICAL COMPANY

- **Dow BioBalance Polymers Carpet-Backing System** — Soy-based technology that replaces a portion of the system required to make polyurethane carpet backing. Available in all polyurethane noncushioned and cushioned backings.

ECOPATH

- **Ecomax, Ecorib and Ecoclassic Carpeting** — Carpet backed with EnviroCel™ polyurethane backing systems for commercial carpet. Contain recycled, recovered and renewable materials that are 60 percent to 70 percent biobased by backing weight. EnviroCel replaces large percentages of the petroleum-based components in the polyurethane with biobased polyols made from soybean oil.

FOAM PRODUCTS CORPORATION

Dynathane Carpet Cushion — A commercial/hospitality carpet cushion made of 100 percent premium high-density polyurethane foam from soy polyols. It may be used for double glue or stretch-in installations. Environmentally safe, Dynathane exceeds EPA carpet VOC emissions requirements. It contains no formaldehyde, styrene, BHT (butylated hydroxyl toluene), or 4 PC (phenylcyclohexene). It's nonallergenic, odorless NEW FRESH® anti-microbial treatment resists mold, mildew and bacteria. Dynathane contributes to LEED project certification. It reduces noise levels and fatigue and is suitable for use with radiant heat flooring systems. Dynathane provides excellent resiliency, longer carpet life and appearance retention. The company guarantees its performance.

Eco Ultimate Silencer Acoustical Underlayment —

An underlayment for floating, glue down and nail down wood and laminate installations with a moisture barrier film. Made of 100 percent high-density polyurethane foam using soy polyols. It eliminates minor subfloor imperfections and offers the industry's best limited lifetime warranty. Eco Ultimate is suitable for radiant heat flooring systems.

Eco Silent Sound HD Acoustical Underlayment —

Made of 100 percent high-density polyurethane foam using soy polyols.

Eco Ultra Quiet Acoustical Underlayment —

This floor underlay is made of 100 percent high-density polyurethane foam using soybean polyols.

Eco Tread Acoustical Underlayment —

Made of 100 percent high-density polyurethane foam, using soybean polyols, this underlay helps reduce sound transmission.

Tranquility Acoustical Underlayment —

This underlay helps maintain serenity with its 100 percent soy-based polyurethane foam content.

Silencer LVT Acoustical Underlayment Silencer

LVT™ — Suitable for all glue down and floating LVT and vinyl plank flooring installations, this underlayment offers support, moisture protection and sound absorption. It is made with high-density polyurethane foam using soy polyols. The company says It exceeds air quality and flammability standards and is 100 percent recyclable and environmentally friendly.

Silencer SA Acoustical Underlayment —

The product is made of 100 percent high-density polyurethane foam using soy polyols.

FOAM PRODUCTS CORPORATION

Ultra Touch Carpet Cushion — This underlay provides a soft, lush feel that lasts. It replaces unpleasantly firm carpet cushions. Double moisture barriers protect the cushion from moisture. Triple antimicrobial protection makes this cushion a great choice to use in the homes of people with sensitive immune systems. Ultra Touch uses soy polyols which make it eligible for LEED credit MR 6. Its low volatile organic contents (VOCs) make it also eligible for LEED credit EQ 4.3.

PHASE CHANGE ENERGY SOLUTIONS

Bio PC Mats — Mats filled with hydrogenated soy oil that store and release energy slowly. Aids in cooling and heating structures and keeping them energy efficient.

SIGNATURE ACCORD CARPET

- **Signature Accord** — All Signature Accord carpet is manufactured to commercial specifications using solution-dyed nylon yarn and has a biobased high-performance backing. “The Yellowstone Collection” has the highest pre-consumer/post-industrial-recycle content in the industry.

UNIVERSAL TEXTILE TECHNOLOGIES

- **Biocel, Envirocel and Envirocel Home** — High-performance, eco-friendly carpet backings are recommended for high- and mid-range traffic environments, including government, commercial, education, retail and synthetic applications.

W. F. TAYLOR, LLC

Acous-Tec — A soy-based sound reducing liquid underlayment patch and leveler that can be used for all floating floor systems including vinyl, laminate and wood.

GREASE, OIL AND LUBRICANTS

BIOBLEND RENEWABLE RESOURCES

- **BioBlend** — Soy-based penetrating oil.

BI-O-KLEEN INDUSTRIES, INC.

- **Soy Lube SL-100** — An environmentally responsible soy-based formula that halts squeaks, loosens stuck parts and dries out moisture.

CHS LUBRICANTS

- **Cenex Biomax BPL** — Biodegradable penetrating lubricant.

CORTEC CORPORATION

- **Ecoline® All-Purpose Lubricant**
- **Ecoline Bearing, Chain and Roller Lube**
- **Ecoline CLP**
- **Ecoline Long-Term Rust Preventative**

DESILUBE TECHNOLOGY, INC.

- **Desigreen 100** — Vegetable oil-based fluid combines the unique characteristics of strong lubricity and bioresistance. It performs in the same fashion as a soluble oil but contains no chlorine, no heavy metal and no mineral oil, which minimizes workers' concern about exposure. This fluid is effective on both steel and aluminum alloys.

Desigreen 120 — Vegetable oil-based semi-synthetic metalworking fluid is designed for a broad range of metalworking applications on both ferrous and non-ferrous metals. It contains no mineral oil, no chlorine, DEA, zinc and other heavy metals.



Signature Accord Carpet

Signature Accord carpet has been using recycled and soy-based ingredients, combined with state-of-the-art technology for more than 30 years to engineer and manufacture high-performance carpet for high-end design.



BioBlend

Biodegradable Penetrating Oil is formulated from readily biodegradable, renewable soybean oil base stocks and additives to penetrate and loosen frozen, rusted or stuck components. It dissolves dirt, grease and debris, while leaving a light lubricating film which helps prevent corrosion.



Desilube

Research support from the United Soybean Board helped Desilube develop metalworking technology that protects surfaces from heat damage. The soy-based lubricants are environmentally friendly, biodegradable, replace metalworking fluids that have high amounts of chlorine, and perform better than petroleum-based products.



Environmental Lubricants

Manufacturing

Featured on the History Channel, Environmental Lubricants Manufacturing uses exclusive biobased technology and efficient microwave energy to produce soy-based lubricants and greases that are environmentally friendly and meet or exceed industry standards.

DESILUBE TECHNOLOGY, INC.

- **Desigreen 215** — Heavy-duty, soy-based metalworking fluids are formulated with a Desilube-proprietary EP package. These fluids perform in the same fashion as conventional straight oils. They exhibit comparable lubricating performance but different viscosities (10 to 120 cStc at 40°C). These fluids are recommended for use in various heavy-duty metalworking operations including cutting, grinding, sawing, deep drawing, broaching and fineblanking. These fluids are extremely effective with respect to improving tool life in mist or near-dry metalworking operations.

Desigreen 300 — High-performance and soy-based fluids is formulated to improve the oxidative stabilities and to reduce the tendency of varnish or gum formation on the tool surfaces.

Desigreen Base 12 — Emulsifying base is designed to formulate various vegetable oil-based, water-dilutable metalworking fluids. It contains extreme pressure, anti-wear, surfactant/emulsifying and bactericidal additives.

- **Penetrant** — Multifunctional fluid contains 99 percent biobased content and provides good lubricity, penetrating ability to rust, water-displacing characteristics. It performs well as light-duty lubricant, penetrant, cutting/tapping and anti-seizure compound.

ELEVANCE RENEWABLE SCIENCES

Concert™ GC-350 — A grease processing aid that improves processability at lower temperatures. It blends easily into existing formulas due to its low melt point.

ENVIRONMENTAL LUBRICANTS MANUFACTURING (ELM)

● Chain Bar Lubricant

- **Cotton Picker Spindle Grease** — A premium-quality grease formulated with specialized thickeners and extreme pressure additives.

- **Drill Rod Grease** — A soy-based grease that meets environmental requirements of the drilling and mining industries. The grease has improved water washout properties.

- **5th Wheel Truck Grease** — A natural seed oil that surpasses the lubricity of most conventional oils.

- **Food-Grade Hydraulic Oil** — Formulated in accordance with the criteria established by the USDA for H-1 lubricants and FDA Regulation "Lubricants With Incidental Food Contact."

- **Food-Grade Machinery** — Formulated in accordance with the criteria established by the USDA for H-1 and USDA regulation 21 CFR 178.3570, "Lubricants with Incidental Food Contact."

- **Heavy-Duty Truck Grease**

- **Industrial and Snow-Grade Hydraulic Oil**

- **Multi-Purpose Gear Lubricant**

- **Soygrease™ Multi-Purpose EP**

- **Temp Flex 0-100** — Formulated for winter.

- **Temp Flex 35-160** — Suitable for summer.

- **Textile Grease**

- **White Lithium NLGI Grade #2 Grease**

- **Wire Rope Grease**

FLUID SCIENCES, LLC

Soy-20 Multilube — An advanced, agrisynthetic alternative to conventional mineral oil-based multi-purpose lubricants. Formulated with a highly functional additive package designed to inhibit corrosion, penetrate rust, displace moisture and remove buildup deposits of oil and grease.

GEMTEK

SAFE LUBE industrial lubricants and specialty fluids provide improved life cycle maintenance of equipment, parts and surfaces. Generally, SAFE LUBE products have a higher heat tolerance with more stable viscosity and higher flash point. SAFE LUBE products are free of Volatile Organic Carbons (VOCs), readily biodegradable under USEPA 560/6-82-003, and are not reportable under SARA.

- **Safe Lube™ Bar, Chain & General Purpose Oil**
- **Safe Lube Gear Lubes**
- **Safe Lube Way Lubes**
- **Safe Lube Wire Rope Lubes**

GEO SPECIALTY CHEMICALS

GEOlube SCO™ — An oil well drilling lubricant.

GROWMARK INC.

- **Archer Chain Bar Lubricant**
- **Soy-Safe Bar & Chain Oil** — Low temperature bar and chain oil.
- **Soy-T-Drip** — Readily biodegradable turbine drip for irrigation pumps.

INTERNATIONAL LUBRICANTS, INC.

Lubegard® products are biobased lubricants that deliver superior performance utilizing soybean oil.

Currently recommended and endorsed by the largest transmission repair chains: AAMCO®, Cottman® and LeeMyles®.

- **Lubegard Bio Flange Lubricant** — A patented, aquatically nontoxic, rail and flange lubricant for use in a variety of environments.
- **Lubegard Bio Switch Lubricant** — A railroad switch lubricant.
- **Lubegard Free-Eze** — A rusted cylinder treatment made of synthetic oil and LXE esters for applications in gas or diesel engines.

2-Cycle Oil LXE — Acts as a regular 2-cycle oil as well as an engine and exhaust system reconditioner.

ATF Protectant — Prevents overheating and reduces elevated operating temperatures. It also extends fluid life.

ATF-Dexron/Mercon III — Dramatically reduces friction on metal parts and internal components.

Highly Friction Modified ATF — Eliminates the need for multiple OEM fluids and is the No. 1 tool used by professionals to adjust the frictional characteristics of an ATF to operate at its optimum.

Lube 'N Loosen — Lasts 10 times longer than other lubricants and protects surfaces against rust and corrosion.

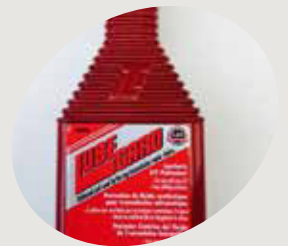
Lube Chain Lubricant — Provides outstanding protection from rust and corrosion and keeps cutting edges on chains sharp.

Valve and Assembly Lubricant — Protects all metals and has excellent rust prevention. Non-sticking formula repels particles and does not have a harsh odor.



Growmark, Inc.

Archer Lubricants started producing lubricants for aircrafts in 1929. Agricultural and heavy-duty equipment operators soon discovered oil made to withstand the extra heat of an aircraft engine lasted longer and protected better than conventional oils. The innovative company discovered that soybean oil improved engine life and performance and incorporated it into a full line of lubricants for farm, fleet and workshops.



International Lubricants, Inc.

Lubegard® products are biobased lubricants that deliver superior performance using soybean oil. Currently recommended and endorsed by the largest transmission repair chains: AAMCO®, Cottman®, and LeeMyles®.



Renewable Lubricants

In addition to growing soybeans, Ohio farmers William and Jacqueline Garmier developed a business that uses farm-raised soybean oil in environmentally friendly fluids and lubricants. Today, Renewable Lubricants can be found everywhere from U.S. military bases and submarines to America's Cup sailing boats and on floodgates at a California reservoir.

IOSSO PRODUCTS

- **Sizing Lubricant and Cleaner** — A bio-degradable, nonflammable lube and cleaner that works to eliminate stuck cases.
- **Triple Action Oil Solution** — Cleans, lubricates and protects while penetrating to loosen powder, carbon and plastic wad. It works as an excellent lubricant for parts and inhibits corrosion.

NATURAL SOY PRODUCTS

5th Wheel Grease — Developed specifically for truck fifth wheels. Thickeners and bioadditives effectively inhibit rust and adhere to metal surfaces to reduce wear.

5th Wheel LubePaste — A biodegradable lube paste for sliding surfaces. Specially formulated to provide an economical, high-performance lubricant for applications such as fifth wheel tractor-trailer surfaces or marine push plates. Also provides anti-rust, anti-salt, and anti-corrosion properties to withstand the harsh operating environments.

Bar & Chain Lubricant — A high-quality biodegradable bar and chain saw lubricant formulated with the best optimized biotechnology using American-grown natural seed oils.

Diesel Fuel Additive — A fatty acid methyl ester produced from 100 percent soybean oil which exceeds the standards set forth in ASTM D 6751 Standard Specification for Diesel Fuel (B100) Blend Stock for Distillate Fuels.

EP Plus Grease — Recommended for most fleet and industrial applications, suitable as fifth wheel grease, ideal for heavy-load applications engineered for off-highway equipment and extreme pressure applications, and recommended for environmentally sensitive areas near waterways.

Soyclean Penetrant & Lubricant — Proved to have greater lubricity than WD-40 in laboratory tests conducted by NABL (National Ag-Based Lubricants Center).

ORISON MARKETING, LLC

- **Soytruk Fifth Wheel Grease** — A soy-based grease developed specifically for the fifth wheels on trucks. Thickeners and bioadditives in the grease inhibit rust and adhere to metal surfaces to reduce wear.

RENEWABLE LUBRICANTS, INC.

- **BHHO Biodegradable Hydraulic Hoist Oil (ISO 32)** — A biodegradable biobased formula that replaces mineral based hydraulic fluids.
- **Bio-80W90 Gear Oil GL-4** — Acts as a lubricant on a variety of surfaces.
- **Bio-Air Tool Lubricant (ISO 32)** — Replaces petroleum-based air tools. It emulsifies water for improved lubricity in moist conditions and provides anti-misting.
- **Bio-Blast™** — A specially formulated, biodegradable, fast-acting penetrant that blows away rust and dirt.
- **Bio-EP Gear Oil** — Recommended for lubricating spur, helical, bevel, and worm gear configurations which are subject to heavy loading or shock loading and are designed for heavy-duty applications.
- **Bio-Extreme™ HT** — An oven chain lubricant.
- **Bio-Gearhead Oil GL-3** — Used to reduce the speed of an irrigation engine to drive water well turbine pumps. It offers the protection advantages of the mild EP and anti-wear of an API "GL-3" type gear lube.
- **Bio-Graphite E.P. Grease NLGI #1** — Specifically formulated for sliding surfaces and applications where extreme pressure exceeds the fluid film. It provides good anti-rust, anti-oxidation and anti-wear protection.

- **Bio-High Temp 180 E.P. Grease NLGI #2** — A biodegradable grease that has high viscosity index base oil and lithium complex thicker. It has excellent resistance to water, corrosion and outstanding performance in a wide temperature range.

- **Bio-Penetrating Lubricant (BPL)** — A light lubricant in food processing equipment and is essentially odorless and tasteless. It provides a protective, thin film lubricant.

RENEWABLE LUBRICANTS, INC

- **Bio-Penetrating Lubricant (BPL) + MOLY** — A light lubricant that performs in many applications because of the super high viscosity index.

- **Bio-Penetrating Lubricant (BPL) + MOLY + TACK** — A bio-penetrating lubricant plus Moly with tackifier provides advantages in some applications such as high-speed roller chains, cables and moving parts.

- **Bio-Penetrating Lubricant (BPL) + TACK** — A bio-penetrating lubricant with food-grade tackifier that provides adhesive to the performance of bio-penetrating lubricant.

- **Bio-TC-W 2-Cycle Engine Oil** — Especially designed to operate in water-cooled gasoline engines for the boating industry and in 2-cycle air-cooled engines for general-purpose equipment and for personal recreational transportation, such as motorcycles, snowmobiles, chain saws, and lawn and garden equipment.

- **Bio-TC-W3 2-Cycle Engine Oil** — Operates in water-cooled gasoline engines for the boating industry and in 2-cycle air-cooled engines for general-purpose equipment and for personal recreational transportation, such as motorcycles, snowmobiles, chain saws and lawn and garden equipment.

- **Bio-Valve Lube Gas Conditioner** — Approved for off-road equipment and marine engine manufacturers. It reduces valve wear, ring and upper cylinder wear in engines that operate at high RPM's or under heavy

loads. It helps prevent expensive repairs, increases fuel efficiency and is cost-efficient.

- **Bio-Arctic Firearm Lubricant** — Lubricates in extreme sub-zero temperatures. It's a combination of biobased and synthetic-based oils and prevents corrosion.

- **Bio-Blast Penetrant (Low Surface Tension)** — A fast-acting penetrant that blows away rust and dirt. It is non-staining to ferrous and non-ferrous metals.

- **Super High-Performance Gear Oils** — Designed for gear drives and right angle gear drives commonly used in food processing equipment, essentially odorless and tasteless.

- **Super High-Performance Motor Oils** — Made using the most advanced chemical technologies available for high-performance, heavy-duty turbo-charged and supercharged diesel and gasoline engines.

- **Super High-Performance Transmission Fluids** — An extreme pressure product with long life heat stability, which offers the protection advantages of increased gear life through extremely high film strength and excellent low temperature performance.

RSC BIOSOLUTIONS

- **Envirologic 268, 268A & 268B** — Biodegradable chain and sprocket oils.

- **Envirologic 31** — A multi-purpose lubricant for use in the office, at home or on the farm.

- **Envirologic 440** — A nontoxic two-cycle engine oil for use in air-cooled engines.

- **Envirologic 802** — A lithium complex that is designed to perform in environmentally sensitive applications in marine, marine construction, dredging, rail and offshore industries.



RSC Biosolutions

The National Oceanic and Atmospheric Administration (NOAA) reports roughly 706 million gallons of petroleum are released into the ocean each year from spills and poor maintenance practices. This is prompting an increasing number of companies to convert to biodegradable, soy-based lubricants including Envirologic products.



UltraLube

Plews/Edelmann offers a complete line of soy-based UltraLube® professional grade greases, oils and spray lubricants. All products are eco-safe and manufactured from renewable U.S.-grown crops. UltraLube products reduce friction, heat and wear better than petroleum-based products and are safer to use in the workplace and around the home.

SOLVENT SYSTEMS INTERNATIONAL

Hero Biobased Penetrating Lubricant —

A soy-based lubricant that penetrates and lubricates parts. It loosens rusted parts, frees stuck mechanisms and stops squeaks.

SYNALLOY

Bio-Lube SD — A general-purpose lubricant based on soybean oil, that is made water soluble using plant based lubricants/surfactants. This allows expanding use to water based systems or applications where water removal is important. And, because it is waterless, it works perfectly neat or added to oil based systems. Bio-Lube SD contains over 98.5 percent renewable vegetable content and is 100 percent biodegradable.

TRI-FLOW LUBRICANTS

● Superior Soy Lubricant

TSI INDUSTRIES, INC.

EcoWIND™ — A polyurethane resin with a soy polyol for filament winding. It is a super-fast alternative to epoxy that cuts cure time and eliminates resin waste. EcoWIND won the JEC Americas 2013 Innovation Award in the “Green Solutions” category. It was a finalist in the 2013 Polyurethane Innovation competition by the American Chemistry Council. It was also a finalist in the JEC Europe 2013 competition and won the ACE (Award for Composite Excellence) at CAMX in 2014.

TTI FLOOR CARE NORTH AMERICA (Nutek)

- **Simply Soy™** — Cleaner and lubricant
- **LubFix™** — Spray lubricant.
- **BoltOff™** — Penetrating lubricant.
- **Shieldit™** — Corrosion protecting lubricant.

ULTRALUBE

- **H1 Food-Grade Chain & Cable Lube** — Provides superior lubricity to protect moving parts. Approved by the NSF and meets criteria established by the USDA H-1 and U.S. FDA regulation 21 CFR 178.3570 “Lubricants With Incidental Food Contact.” Excellent for lubrication of chains, cables and rollers, providing superior lubricity to protect moving parts. Less mist generation than petroleum-based products. Contains no chlorine or silicone. Safe for all metals.

H1 Food Machinery Grease Grade 2 — Provides superior adhesion and protects all ferrous metal components from rust and corrosion. Approved by the NSF and meets criteria established by the USDA H-1 and U.S. FDA regulation 21 CFR 178.3570 “Lubricants With Incidental Food Contact.” Excellent for lubrication of bearings, gears and machine slides. Has EP additives to protect under heavy shock loads.

- **Multi-Purpose Lubricant and Penetrant** — An excellent rust and corrosion preventative and general-purpose drilling and tapping fluid. Works well on plastics and other non-metallic surfaces that petroleum-based products can damage. Lasts longer and is less likely to “thin down” at higher temperatures. Extremely high flash point 590°F (310°C) and pour point of -4°F (-20°C). Outstanding dielectric properties. Water neutral. No harsh odors. Environmentally nontoxic and readily biodegradable. Safer around children and pets than petroleum-based products. Contains no zinc or chlorine.

- **Glysol™ PC** — A powerful biobased parts cleaning fluid derived from soybeans and other natural sources. Glysol PC replaces mineral spirits, PD680 Type II, Stoddard Solvent and similar petroleum-derived solvents in manual and immersion-type parts washers. It’s safer, cleans better and lasts longer. Pleasant to use — low toxicity, no unpleasant fumes or skin irritation. Non-polluting, biodegradable.

Glysol Penetrate

ZEP SUPERIOR SOLUTIONS

From spray greases, dry lubricants and the market's best formulated lubricants/penetrants, Zep has a wide range of high-quality soy-based products that help keep equipment maintained and operating reliably and productively as designed.

- **ZEP 70**
- **ZEP® Professional Penetrating Lubricant**

HYDRAULIC FLUIDS

CENEX

Biomax THF (Tractor Hydraulic Fluid and Hydrostatic Transmission Fluid)

CHS LUBRICANTS

- **Cenex Biomax THF**

ENVIRONMENTAL LUBRICANTS MANUFACTURING (ELM)

- **Envirolift™ Biobased Elevator Hydraulic Oil**
- **SoyFluid™ Hydraulic All Season**
- **SoyFluid Hydraulic Industrial**
- **SoyFluid Universal Tractor Hydraulic-fluid
GEMTEK**
- **SafeLube™ Hydraulic Fluids**

NATURAL SOY PRODUCTS

BioSOY Food-Grade Hydraulic Oil — A biodegradable hydraulic oil formulated in accordance with the criteria established by the USDA for H-1 lubricants and U.S. FDA Regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact."

BioSOY Industrial Hydraulic Oil (ISO 46) — A biobased product that protects against wear, has a high flash point for safety and is virtually biodegradable.

Envirolift Elevator Hydraulic Oil — An advanced, biobased hydraulic oil formulated with the best optimized U.S.-grown natural seed oils that surpass the lubricity of most conventional oils. It protects against wear, has a high flash point for added safety and is readily biodegradable.

Universal Tractor Hydraulic Fluid — A readily biodegradable tractor hydraulic transmission fluid formulated with Biotech-based U.S.-grown natural vegetable oils. This product surpasses the performance and lubricity of most conventional oils.

RENEWABLE LUBRICANTS, INC.

BHHO Biodegradable Hydraulic Hoist Oil (ISO32)

BIO AW/AL Hydraulic Press Oils

**BIO MIL-PRF-32073 Hydraulic Fluid
(ISO 15, 22, 32, 46, 68)**

BIO-AIR Compressor Fluid (AC-30)

- **BIO-HVO Hydraulic Fluids**
- **BIO-Hydrostatic Low-Viscosity
(Universal Tractor Fluid)**
- **BIO-Synthetic Trans-Hydraulit
(Universal Tractor Fluid)**
- **BIO-TRANS-Hydraulic**
- **BIO-Turbine R&O Fluids (ISO 32, 46, 68, 100)**
- **BIO-Ultimax Hydraulic FluidsRSC
BIOSOLUTIONS**
- **Envirologic 132, 146, 168, 700**
- **Envirologic Bioflush**
- **Futerra** — A line of biobased lubricants with improved performance, increased uptime



Demilec

Made of renewable soy, Heatlok Soy closed-cell spray foam insulation helps reduce energy use in residential and commercial construction...and even chicken coops.

and enhanced system longevity. Futerra lubricants are environmentally acceptable (EAL) designated to meet stringent global regulations. They perform in wet and dry environments and can withstand extreme weather conditions including contact with water in high pressure and extreme temperatures. Futerra lubricants can serve as drop-in replacements for mineral oil and petroleum-based lubricants.

ULTRALUBE

- **Hydraulic Oils and Universal Hydraulic Tractor Fluid** — ISO hydraulic oils maintain stable viscosity through a wide range of temperatures. They reduce wear through superior thin-film protection. Particularly suited for use near water, in forestry, agricultural, golf courses, etc. Passes Vickers 20-VQ, 35-VQ and 104C Vane Pump Tests. Rust and corrosion protection to ASTM D-130 is 1A.

Elevator Hydraulic Oil ISO46

INSULATION

DEMILEC USA

Heatlok Soy — An insulation that creates “the perfect wall system,” combining multiple control layers into a single application. It combines an air barrier, water resistive barrier, vapor barrier, drain plane and high R-value insulation into a single, efficient application.

KODIAK INDUSTRIES

BioBased Insulation® 501w — An open cell, water-blown spray polyurethane foam insulation with a density of 0.5 lbs. that can be used in walls, ceilings and roof decks of residential and commercial buildings. Class I fire rated, ICC-Rated with 3 percent soybean-oil content in finished foam.

DuraTite™ 2.0 — A closed cell, 245fa blown spray polyurethane foam insulation with a density of 2.0 lbs. that can be used in

walls, ceilings, roof decks of residential and commercial buildings. It is Class I fire rated and ICC Rated. DuraTite 2.0 also is GREENGUARD and GREENGUARD Gold certified for indoor air quality.

BioSeal™ 2.0 — A spray foam with 3 percent soybean oil and 3 percent pre-consumer recycled content. BioSeal 3.0 has 16 percent biobased content in its finished product. BioSeal 6.0 features 17 percent biobased content in the finished product.

PHASE CHANGE ENERGY SOLUTIONS

BioPCM™ — Mats filled with hydrogenated soybean oil store and release energy slowly to enhance comfort of building inhabitants.

WFI GLOBAL, LLC

- **U-Core+™** — The first polyurethane window foam with renewable soy content that improves environmental impact. U-Core+ earned the 2014 Green Award from Door & Window Market magazine. It provides better thermal performance and greater energy efficiency and has fire-retardant properties. U-Core+ also reduces condensation on windows.

LANDSCAPING AND RECREATION

ASTROTURF

- **AstroTurf** — An environmentally progressive synthetic turf solution for athletic fields. Made with BioCel backing which contains polymers produced from domestically grown soybeans that replace a portion of the petroleum-based polymers.

RUST-OLEUM

- **Rejuvenator™** — A soy-based mulch and grass coloring product line that extends the life of existing mulch to reduce labor and material replacement costs. Grass coloring also promotes water conservation.

SYNLAWN

- **SynLawn Artificial Grass** — A life-like synthetic turf with BioCel backing that contains polymers produced from domestically grown soybeans. SYNLawn water-efficient landscaping products use recycled content, renewable materials and innovative design that can contribute to LEED certification.

METALWORKING FLUIDS

ATAGENCER, LLC

Soy-Based Metalworking Fluid —

Soluble oil that extends tool life in general machining operations.

COOL CLEAN TECHNOLOGIES

CO2 Machine Fluid System — Extends tool life, reduces waste disposal costs and provides high-speed machining of hard-turning metals and advanced materials including ceramics, super alloys and composites.

CORTEC CORPORATION

- **Ecoline Cutting Fluid** — Multifunctional, readily biodegradable fluid for metal-cutting operations that provides lubrication and cools work pieces and tools. Prevents inadvertent welding of metals.

D.A. STUART AND COMPANY

Heatshield — Metalworking fluid specially formulated to reduce friction in milling applications.

Rollshield — Metalworking fluid for rolling or milling applications.

DESILUBE TECHNOLOGY, INC.

- **Desigreen 100** — Vegetable oil-based fluid combines the unique characteristics of strong lubricity and bioresistance. It performs in the same fashion as a soluble oil but contains no chlorine, no heavy metal and no mineral oil, which minimizes workers' concern about exposure. This fluid is effective on both steel and aluminum alloys

- **Desigreen 215** — Heavy-duty, soy-based metalworking fluids are formulated with a Desilube-proprietary EP package. These fluids perform in the same fashion as conventional straight oils. They exhibit comparable lubricating performance but different viscosities (10 to 120 cStc at 40°C). These fluids are recommended for use in various heavy-duty metalworking operations including cutting, grinding, sawing, deep drawing, broaching and fineblanking. These fluids are extremely effective with respect to improving tool life in mist or near-dry metalworking operations.

GEMTEK

- **SL-Tapping Fluid** — Water-soluble, high-speed lubricant that may be used on all metals that are compatible with water during the tapping process. Non-drying.
- **SL-Cutting & Forming Fluid** — Available for ferrous and nonferrous metals. Provides high-level lubricity performance that can offset the use of conventional chlorinated additives.

SL-Grinding Fluid — Designed for most difficult grinding operations, it enhances performance in all types of ferrous and nonferrous grinding applications which use a water-soluble design.

INTERNATIONAL LUBRICANTS, INC.

Lubegard Bio-TDE — Completely vegetable-based lubricant designed for all metal-cutting processes.

Lubegard Bio-Tap Drilling & Tapping Fluid and Pipe Thread Cutting — Biodegradable and water-washable tapping oils used to facilitate tapping of holes and rod threading.

Lubegard Forming Paste — Provides extreme pressure lubricity allowing tube bending, stretch forming, press braking, swaging and similar applications.



AstroTurf

The inventor of synthetic turf, AstroTurf® is one of the most iconic brands in American sports. BioCel™ technology combines soybean oil and a highly refined form of mineral lignite to form a backing that is unaffected by moisture and can be perforated for enhanced drainage.



SYNLawn

Replacing natural lawns with SYNLawn® creates a beautiful landscape without maintenance. Perfect for high-rise buildings, it is also becoming a favorite of parks and recreation civic groups who appreciate the water conservation benefits of this soy-backed turf.



LPS

Biodegradable, soy-based Tapmatic high-performance lubricants are safe on all metals and eliminate galling and seizing.



BioStripe

BioStripe® and BioSealcoat™ deliver sustainable marking paint and sealcoat solutions. BioSealcoat™ replaces traditional petroleum-based components with a natural soybean oil-based resin in its binder.

IOSSO PRODUCTS

Biobased Metal Polish — Removes oxidation, tarnish, surface rust and water spots. Rub on and buff off. May be used with a buffing wheel. Recommended for all metals, porcelain, plexiglass, hard plastics and painted surfaces.

LPS LABS

Premium Antisplatter — Safe, water-based formula with excellent splatter protection. Nonflammable. Does not contain suspect carcinogens such as methylene chloride. Does not contain silicone. Paint compatible.

Tapmatic #1 Gold — For use in hard-to-machine metals, low-speed high-pressure applications. Minimizes torque increases.

Tapmatic Dual Action #2 — Provides superior lubricity in machining aluminum and its alloys. Reduces friction and eliminates chip welding.

Tapmatic Natural — Does not irritate skin, eyes or respiratory tract. Does not contain 1,1,1-trichloroethane, sulfur, chlorine, chlorinated solvents, water, mineral oil or inactive fillers. High-performance lubricating ability eliminates galling and seizing.

Tapmatic Tricut — Dark, viscous liquid designed for extreme cutting/tapping applications.

RENEWABLE LUBRICANTS, INC.

- **Bio-Cutting Oils** — Metalworking lubricants.

OIL DRILLING

BIOSPAN TECHNOLOGIES, INC.

Patented soybean oil-based biodegradable crude oil thinning fluids especially suitable for reducing crude oil viscosity in extraction and retrieval operations. The fluid is nontoxic, equipment and environmentally friendly, and does not alter the structural integrity of the crude oil. It is recoverable and may be reused. The thinning fluid

combines with condensate and offers significant energy savings by reducing the temperature required to liquefy MKB. The material provides secondary benefits in maintaining pipelines with reduced corrosion.

FLOTEK INDUSTRIES

StimOil® FBA M. StimOil FBA Plus, StimOil EC, StimOil EN — Downhole crude oil recovery aid.

MANUFACTURERS CHEMICALS

Biolube SD — A soy-based lubricant used in oil drilling and metalworking applications.

Defoamer SOY and Defoamer ECO CARE — These soy-based defoamers are used in industrial applications including oilfields.

PAINTS, COATINGS, STAINS AND SEALANTS

BIOSPAN TECHNOLOGIES, INC.

- **CR-3600™** — Protects any kind of paving equipment from corrosion and rust. It is nontoxic and biodegradable coating that works in all temperatures on all metals.

BIOSTRIPE®

BioStripe — A soy-based traffic paint that provides a low carbon footprint. Environmentally friendly and low in VOCs, BioStripe is applied in the same way as waterborne traffic paints.

BIPACCO Coatings, LLC

Soyathane™ — A water-based urethane coating made with soybean oil.

CORTEC

Ecoline 3220 — A 100 percent biobased and ready-to-use temporary coating. It has a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection in storage and shipment.

Ecoline 3690 — A biodegradable product that is 76 percent biobased and is non-hazardous and nontoxic. It provides excellent indoor and outdoor protection and provides corrosion protection.

DUNN-EDWARDS CORPORATION

Aristoshield ASHL30 — An ultra-premium eggshell interior/exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish. Ideal for use on projects where superior performance and durability are required on doors and trim as well as metal surfaces.

Aristoshield ASHL50 — An ultra-premium semi-gloss interior-exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish.

Aristoshield ASHL70 — An ultra-premium high-gloss interior-exterior ultra-low VOC enamel formulated with advanced water-based urethane alkyd technology for an oil-like finish.

ECO SAFETY PRODUCTS, LLC

- **Acri-Soy** — Nontoxic penetrating clear concrete and wood sealer that is virtually odorless and protects against moisture, efflorescence, dusting, marring and stains.

Eco-Tuff High-Traffic Flex Clear Wood Finish — The world's leading environmentally compliant safety coating for floors. A high-traffic finish coating with superior durability, flexibility and safety.

Ecoprocote Durasoy Biobased Paints — Professional-grade sustainable paint technology with superior performance and appearance.

Ecoprocote Soycrete Architectural Concrete Stain — A specially formulated stain to add depth and color to concrete surfaces.

- **Ecoprocote Timbersoy Natural Wood Stain** — Soy-based stain that adds depth and color to wood surfaces.

GREEN EAGLE TECHNOLOGIES

G.E.T. Biobased Safety Yellow — A zero VOC coating that contains soybean oil, biodiesel glycerin and soy methyl ester. Adheres to wood, painted concrete, brick, metal, galvanized surfaces and aluminum.

GRIFFIN INDUSTRIES, LLC

- **VersaGen™** — a methyl soyate industrial solvent.

GRIFFIN INDUSTRIES, LLC

- **Versagen™ 100-D** — A distilled low-color methyl soyate industrial solvent.

HYBRID COATING TECHNOLOGIES

Green Polyurethane™ — Modified hybrid polyurethane coatings made of soy.

REICHHOLD CHEMICALS

Beckosol™ AQ — A family of soy-based alkyd latex resins used in architectural paints and road markings.

RUST-OLEUM

- **Ultimate Polyurethane** — A water-based formula that is 33 percent more durable than the leading competitive product with superior adhesion resistance. It has maximum scratch resistance and dries in two hours.
- **Varathane®** — A premium wood stain that penetrates up to twice as deep as competitive brands to reveal the beauty of natural wood grain. Apply to wood for long-lasting, translucent stain. Uses exclusive soya-oil base and anti-settling formula for better grain enhancement with less stirring during application.

Varathane Diamond Floor — A wood floor coating containing soy flour.



Green Eagle Technologies

Research support from the United Soybean Board helped Green Eagle Technologies develop the first soy-based waterproofing product that replaces traditional petrochemical-based sealants as a more environmentally friendly alternative for synthetic roofing surfaces. The company markets a soy-based zero-VOC coating that adheres to wood, painted concrete, brick, metal, galvanized surfaces and aluminum.



Rust-Oleum

Soy-based Varathane® wood stain and Ultimate Polyurethane coatings penetrate up to twice as deeply as competitive brands and provide deeper, richer and more natural wood tones.



Sherwin Williams

ProClassic® water-based acrylic alkyd interior paint with soy and others currently developed with research support from the United Soybean Board demonstrate a shared commitment to leading sustainability efforts through the development of technology that meets or exceeds LEED standards.

SHERWIN-WILLIAMS

Deckscapes Waterborne Semi-Transparent Stain

— An environmentally friendly stain that provides a rich pigmented appearance and is scuff-resistant for very good protection on walking surfaces.

- **Proclassic® Water-Based Acrylic Alkyd** — A tough and durable coating that enhances the look of doors, trim, cabinets and furniture. It has excellent adhesion, flow and leveling, is non-yellowing and is environmentally friendly.

PROMAR® 200 Water-Based Acrylic Alkyd

— A durable, smooth, high-performance finish with minimal environmental impact. It is recommended for interior application on primed plaster, wallboard, wood, masonry and primed metal.

Pro-Park® — A soy-based parking lot paint, available in black, blue, red, white and yellow.

SOY TECHNOLOGIES

Soyanol™ 1000E — A water-based additive for paints and stains that is highly compatible with many chemistries, including most latex, acrylic and urethane emulsion systems. It is made with soy and helps develop high stability emulsions.

Soyanol™ 5000X-TB — A unique thinner base for use in compliant lacquer and paint thinner formulations. Made with soy and is available in multiple base formulations.

TIMBER OX, INC.

- **Timber OxGreen™ Wood Protectant Stain** — An environmentally friendly stain that is agricultural-based and is biobased. It restores and protects wood's natural beauty.

QC CONSTRUCTION PRODUCTS

Ecosoy System

PAINT STRIPPERS AND SOLVENTS

ATAGENCER, LLC

Soy-based Paint Stripper

DIVERSIFIED CHEMICAL TECHNOLOGIES

Natursol 1000

ECO SAFETY PRODUCTS, LLC

- **Soy-It Lead Paint & HD Stripper**
- **Soy-It Paint Stripper**

ELEVANCE RENEWABLE SCIENCES

Elevance Clean™ 1200 — A zero volatile organic content (VOC) metal degreaser that works in semi-aqueous and solvent-based systems. It can be used in neutral pH (6-9) formulations in heavy manufacturing, transportation maintenance and repair operations (MRO), and industrial food processing markets.

FRANMAR CHEMICAL, INC.

- **Blue Bear 670AF Antifouling Paint Remover** — Soy methyl ester-based paint stripper for safe lead paint removal.
- **Blue Bear 600GL Coating Remover** — A biodegradable formula that is made with 100 percent American-grown soybeans. It is safe to use to remove paint, and encapsulates the surface of furniture or floors in a thick gel, preventing lead or other hazardous particles from escaping into the air.

GRIFFIN INDUSTRIES

- **VersaGen™ 100** — Methyl soyate industrial solvent
- **VersaGen 100-D** — Low color, distilled methyl soyate industrial solvent

GROWMARK INC.

Archer Graffiti Remover

Archer Kleenease Solvent — Industrial strength solvent that removes grease, oil, asphalt, paint and tar.

Archer Quick Release — Soybean oil-based asphalt release agent.

GSP

NATURES GUARD™ Soy Based Carbon Remover & Degreaser - A soy-based product that contains no hydrocarbon aromatic naphtha, phenols, butyl cellosolve, acetone, xylene, toluene, methylene chloride, heavy metals or ions for improved worker safety.

NATURES GUARD™ Soy Based Ink, Adhesive & Resin Remover - Derived from soybean oil, which allows significant regulatory and safety advantages over petroleum based solvents, this remover addresses the numerous EPA, environmental and health issues facing solvent users.

NATURES GUARD™ Soy Based Paint Stripper - A neutral pH, biodegradable, recyclable, low VOC stripper that removes anti-fouling paint from boat hulls, polyester polyols and polyether polyols as well as cured polyurethane adhesives, vinyl ester adhesives, pigmented gel coats, high & low solid aliphatic, waterborne epoxy primers, acrylic paints, varnish and alkyd enamel, latex polymer and coatings.

NATURAL SOY PRODUCTS

Adhesive and Mastic Remover — Removes adhesives, price stickers, lipstick, mastic, wax, decals, crayon marks, shoe polish, asphalt, gum, carpet glue and grease from most surfaces.

ORISON MARKETING, LLC

- **Soypower Paint Stripper** — An environmentally formulated product that loosens and removes varnish, lacquers, latex and alkyd paint from furniture and other hard surfaces. It is biodegradable, nontoxic and nonflammable.

PETER CREMER NORTH AMERICA

Soy Methyl Ester

SOYSOLV

Industrial Cleaning Solvent —
A nontoxic, rinseable degreaser.

Heavy-Duty Degreaser

Graffiti Remover

SOY TECHNOLOGIES, LLC

Soyanol™ 5000X-TB — Soy methyl ester-based stain and paint thinner.

Soygreen Enviroclear and Envirogel, Paint Stripper

Soygreen Graffiti Remover

Soygreen Polystripper

TWIN CHEMICALS, INC.

Pronto Supersoy — Uses “SuperCling” technology for better penetration on vertical surfaces. Designed to be environmentally friendly.

PAPER AND PRINTING INK AND SUPPLIES

ALDEN & OTT PRINTING INKS COMPANY

Soy Ink

APPLIED PROTEIN SYSTEMS

ProSoy 5452 — A soy-protein-based binder and multifunctional additive for paper and paperboard coatings chemically modified to improve runnability. Trade secret processing produces exceptional handling and use characteristics.

ProSoy 5820 — A lower cost soy-based binder and multifunctional additive for paper and paperboard coatings.



FRANMAR CHEMICAL, INC.

Biodegradeable Blue Bear 600GL Coating is safe to use to remove paint, and encapsulates the surface of furniture or floors in a thick gel, preventing lead or other hazardous particles from escaping into the air.



Applied Protein Systems

Mill trials verify soy-based paperboard coating systems demonstrate superior performance in glueability, strength, stiffness, rheology and hardness for calendaring.



DuPont Soy Products

SoBind™ Impression for water-based inks, provides supply reliability and lowers overall carbon emissions.

APPLIED PROTEIN SYSTEMS

ProSoy 7460™ — A soy-protein-based pigment binder for water-based flexographic and gravure inks. It is heat resistant, improves print quality, allows longer press runs, and easier press cleanup.

PSA35MA — A soy-based product for coated paperboard applications.

BRADEN SUTPHIN INK COMPANY

Soy Ink

CABRUN INK PRODUCTS

Soy Ink

CENTRAL INK CORORATION

Soy Ink

CORRUVEN

Corruven Core® — A corrugated wood fiber panel for industrial packaging that uses a soy-based resin system.

DUPONT SOY PRODUCTS

SoBind™ Impression — For water-based inks, it provides supply reliability and lowers overall carbon emissions.

ENVIRONMENTAL INKS & COATINGS

Soy Ink

FLINT GROUP

Agri-Web

Arrowfresh

Arrowlith

Arrowstar UV 7700 — Formulated for high-speed UV sheetfed and web printing. “Soy Seal” compliant, these inks are formulated with state-of-the-art resin and photoinitiator chemistries to excel on a variety of substrates, including lightweight papers, recycled stock and board.

Versatil II

FLORIDA INK MANUFACTURING COMPANY, INC.

Soy Ink

FRANMAR CHEMICAL, INC.

● **Blue Bear On-Press Ink Remover**

D-Haze

Green Again™ — Soy methyl ester-based printing screen wash for textile inks

Multi-Purpose Ink Remover — Soy methyl ester-based printing ink cleaner for UV and air-dried inks.

Emulsion Remover

Solvent Ink Remover

GANS INK & SUPPLY

Dri-Soy Dull

Dri-Sol Gloss

Enviroset

Klear Kut Reducer

S-700 Soyelite Overprint Varnish

Soy Plus Laser Safe & Stallion Black

Soytech

GREAT WESTERN INK

Soy Ink

GREEN CHEM COATINGS

Green Chem Coatings GCX Series — Highly stable, soy-based aqueous wax emulsions that perform like paraffin and other blended wax emulsions. Can be used as an internal sizing agent in paper manufacturing.

GSP

NATURES GUARD™ Soy Based Anilox Roll Cleaner - Contains no hydrocarbon aromatic naphtha, phenols, butyl cellosolve, acetone, xylene, toluene, methylene chloride, heavy metals or ions. It is suitable for all laser engraved ceramic anilox rolls, dissolves dry ink buildup and restores cells original volume. No need for resurfacing of anilox rolls. It improves print quality.

KENNEDY INK COMPANY, INC.

Soy Ink

INX INTERNATIONAL

EcoPure® HPJ SOY — A high-quality quickset ink for sheetfed offset printing.

DiaTech™ SF2 — Serves as INX' Low VOC system unsurpassed for press stability and print quality.

ColorTrac SS and FormsPro™ — Soy inks for offset printing.

Versatech™ Inks — For film substrates. Available with less than 1 percent VOC. Most INX water inks for paper substrates are "Soy Compatible" allowing the addition of Soy Varnish as needed for Soy Seal status.

Fusion® UV Hybrid — UV/EB inks meet local EPA emission limits and have low energy requirements.

MALLARD INK, INC.

Soy Ink

MINNESOTA SOYBEAN RESEARCH & PROMOTION COUNCIL

Soy Ink

OMNOVA SOLUTIONS

SUNKOTE® AU4203 and 4240 — Used as lubricants for paper and paperboard coatings. Developed to help prevent dusting on supercalenders and high temperature hot nip calendaring during processing. Our lubricant products reduce the tendency of the coating to crack when paper is folded, reduce or eliminate calendar dusting and reduce coefficient of friction.

QUALITY INKS, INC.

Soy Ink

SIEGWERK

Soy Ink

SUN CHEMICAL

UltraSoy™ and EcoSoy® Black —Renewable soybean oil for newspaper printing.

TOYO INK AMERICA, LLC

Aqualess Ultra Process Series

Hyplus NEX Process Series

Hyunity Process Series

SF Kaleido Process Series

UV Eco Soy Process Series

U.S. INK

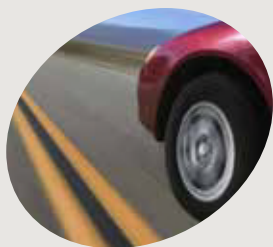
EcoSoy Black

Ultrasoy Black and Colors



Omnova Solutions

SUNKOTE® soy-based products reduce the tendency of coatings to crack when paper is folded, and reduce or eliminate calendar dusting.



BioSpan Technologies

The average lifespan of asphalt-paved surfaces is 15 to 17 years, which can potentially be stretched to as much as 20 years by using soy-based RePLAY by BioSpan Technologies.

VICTORY INK COMPANY, INC.

Soy Ink

WIKOFF COLOR CORPORATION

Soy Ink

PAVEMENT RESTORATION AND SURFACING AGENTS

BIOSPAN TECHNOLOGIES

A-Patch™ — Effectively bonds and seals asphalt cracks from 1/4" to 2" in width. Keeps out all moisture. Becomes part of the asphalt matrix and structurally reinforces the area with fiberglass strands, making it the strongest bond available. Can be applied all year, no heating required

ACTIVATE™ — A 77 percent biobased solution that restores Reclaimed Asphalt Pavement (RAP) millings to like-new asphalt perfect for filling potholes, edge cuts, shoulders, and other paved surfaces.

AR-3600™ — A 93 percent biobased asphalt and tar remover ideal for cleaning trucks, pavers and tools. The solution is safe for both the user and the environment and works faster than diesel and other fuel oils used for cleaning paving equipment.

BR-3600™ — A biodegradable bed release agent that prevents material from sticking to the truck bed while maintaining the chemical integrity of the asphalt mix. BR-3600 uses less material and works faster than conventional release agents.

CR-3600™ — Protects any kind of paving equipment from corrosion and rust. It is nontoxic and biodegradable and works in all temperatures on all metals.

C-PATCH — Can be used everywhere exposed concrete is present and needs repair. It bonds to any clean concrete surface and is ready for 18-wheel traffic after three to four hours. C-Patch uses a patented fiberglass-

reinforced concrete formulation that makes it extremely strong, yet lightweight and durable.

FSR-4450™ — The first nontoxic, biodegradable, environmentally friendly expanded polystyrene foam remover available to the road construction industry. It is formulated to effectively dissolve styrofoam (EPS) in all temperatures.

● **RePLAY®** — Makes roads last longer. Adds 15+ percent new SBS and SBBS polymers. Reverses oxidation. Helps seal hairline cracks.

Seam Seal Joint Bonding Agent™ — An environmentally friendly alternative to bond asphalt seams. It works on all types of asphalt mix designs and will keep from penetrating into the asphalt seam, thus extending the life of the surface.

BIOSTRIPE®

BioSealcoat™ — An acrylic modified alkyd latex sealcoat that replaces traditional petroleum-based components with a natural soybean oil-based resin in its binder. Unlike coal-tar-based sealers, BioSealcoat is low-VOC and does not contain large concentrations of polycyclic aromatic hydrocarbons. It penetrates into asphalt to repair existing damage while providing a protective coating.

CARGILL

Anova™ Asphalt Solutions — A full line of rheology modifiers, rejuvenators, anti-strip additive and emulsifiers.

CORTEC CORPORATION

MCI Ecocure

ECO SAFETY PRODUCTS, LLC
Ecoprocote Soy Concrete and Wood Sealer

FRANMAR CHEMICAL, INC.

- **Blue Bear Asphalt Cleaner**
- **Blue Bear Asphalt Release**

MR. GOOD CHEM

Asphalt Release Agents

NATURAL SOY PRODUCTS

Soypower Asphalt Release Concentrate —

An advanced biobased solution containing 96 percent fatty acid methyl ester produced from 100 percent soybean oil.

SoyRelease3 — A specially formulated soy-based asphalt release agent offering outstanding slipping and release properties while helping you to meet your regulatory compliance goals. Product use eliminates worker and work environment exposure concerns associated with diesel fuel and other petroleum-based products.

RENEWABLE ENERGY GROUP

Soypower Asphalt Release Concentrate —

Provides slipping and release properties. Biodegradable and meets regulatory compliance goals without sacrificing performance. Can be used in concentrated form for cleaning asphalt equipment and tools.

SMD PRODUCTS COMPANY

SMD Asphalt Release Agent

REMEDIATION

CYTOCULTURE INTERNATIONAL

- **CytoSol™ Biosolvent** — Provides a nontoxic, environmentally friendly solution to help clean shore lines. The soy-derived biosolvent has more effective solvent properties than petrochemicals, especially on weathered oil. It contains no hazardous petroleum distillates, is nonflammable and safer for workers to use.

EOS® REMEDIATION, LLC

Emulsified oil products are engineered to optimize subsurface conditions that promote anaerobic bioremediation. EOS

technologies are suitable for remediating chlorinated solvents, perchlorate, energetics and oxidized metals. **EAS™** — Sulfate enhanced soy oil-based substrate for groundwater bioremediation.

EOS 450 — Serves as a basic support for sites with established microbial communities, while maximizing substrate value.

EOS 100 — Water-mixable organic substrate excellent for barrier applications and high velocity aquifers.

EOS LS — The only pH neutral low salt emulsion available in the marketplace.

EOS PRO — Specialized blend of organic substrates, nutrients and vitamins optimizes degradation (formerly 598B42).

EOS XR™ — Offers an extra-extended release substrate to address matrix diffusion for 10 to 20 years.

EOS VOS™ — Mitigates groundwater impact from residual contaminants in the unsaturated (vadose) zone.

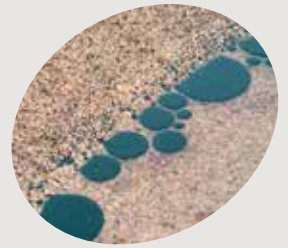
FLOTEK INDUSTRIES

StimOil® FBA M. StimOil FBA Plus, StimOil EC, StimOil EN — Downhole crude oil recovery aid.

ROOFING PRODUCTS

GREEN EAGLE TECHNOLOGIES

- **G.E.T. Biobased Roofing Mastic** — A soy-based zero-VOC roof mastic developed by Niemann & Associates for Green Eagle Technologies, LLC.



CytoCulture International

CytoCulture International pioneered a biobased oil spill shoreline washing agent in the 1990s. Cleanup crews spray the soy-based biosolvent from shallow draft boats onto oil-covered marsh vegetation or small beaches normally unreachable by land. It is then rinsed with seawater and the dissolved petroleum mixture is recovered using small mechanical skimmers.



Columbia Forest Products

More than 60 million PureBond panels have been installed in interior projects throughout the United States. Soy-based adhesives reduce the use of formaldehyde in panel construction without sacrificing appearance or performance.



9Wood

Custom wood installations by 9Wood use soy-based adhesives to minimize formaldehyde and create more environmentally friendly interiors.



UniBoard

NuGreen® particleboard and thermofused laminates use Soyad® soy-based adhesive, developed with research support from the United Soybean Board, to create eco-friendly building materials.

WOOD PRODUCTS AND ADHESIVES

ARCHER DANIELS MIDLAND

Nutrasoy 7B — Formed plywood glue using soy protein to replace animal blood as a foaming agent. Works for extenders and fillers for plywood and laminated veneer lumber adhesives. Also for fiberboard and cellulose panel binders.

E2E

Transform™ — A soy-based proprietary biocomposite used in fabricated furniture products.

Soy Skins™ — A wood-bonding adhesive film made of soy, used for laminates.

COLUMBIA FOREST PRODUCTS

PureBond™ Hardwood/Plywood — More than 60 million PureBond panels have been installed in interior projects throughout the United States. Soy-based adhesives reduce the use of formaldehyde in panel construction, without sacrificing appearance or performance. Available in a wide variety of woods and finishes.

GILES & KENDALL, INC.

CedarSafe® — Flakeboard cedar panels made with Soyad® soy-based adhesives provides natural protection from moths, roaches, silverfish and mildew. The 4' by 8' panels are easy to install and are a safe alternative to mothballs. The panels are available in most home improvement stores.

9WOOD

All cross piece backers in custom wood ceilings by 9Wood use soy-based adhesive versus formaldehyde. 9Wood has done a full audit on the supply-chain and offers products assemblies that are Red List ready, as outlined by the International Living Building Institute.

PANGUANETA S.P.A.

Pangua PureGlue™ — A plywood that uses Soyad™ soy-based adhesive in indoor paneling.

SOLENIS

Soyad co-adhesive technology is a proprietary adhesive system from Solenis that is used in combination with isocyanate-based resins to produce composite panels such as particleboard, medium-density fiberboard (MDF) and oriented strand board (OSB). This co-adhesive allows manufacturers to reduce adhesive costs. Water-based systems are formulated with natural soy flour and a proprietary cross-linking resin.

Soyad™ Adhesives and Soyad Co-Adhesives —

The systems of choice for industry-leading manufacturers who want to stay ahead of formaldehyde regulations and help improve indoor air quality.

STATES INDUSTRIES, LLC

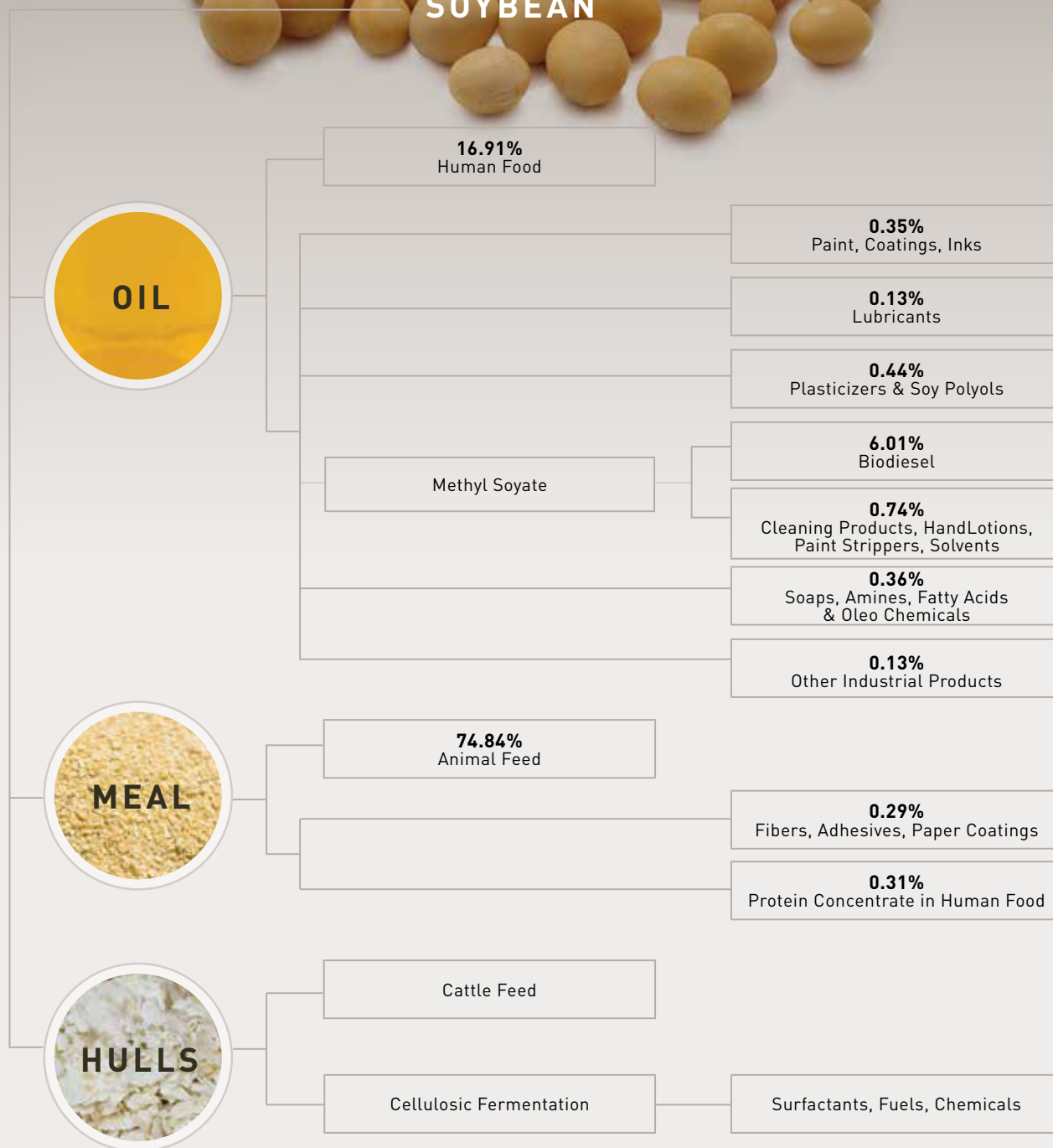
Elemental Hardwood Panel Products — Using soy-based adhesives, States was among the first production hardwood plywood manufacturers to become Forest Stewardship Council certified almost 20 years ago. In addition to meeting ANSI/HPVA HP-1-2009, States products comply with California Air Resources Board regulation 93120 reducing formaldehyde emissions unless otherwise specified.

UNIBOARD

NuGreen® — Particleboard and thermofused laminates that use Soyad® soy-based adhesives to create what UniBoard says is the most eco-friendly particleboard on the market.

AN AGRICULTURE SUPPLY CHAIN

SOYBEAN



NOTE:

Percentages based on millions of pounds.

Values less than 1,000 pounds reported at 0.00 percent.

Source:

U.S. Domestic Consumption Market Share – Segment – 2014/15
Market View Database – September, 2016

INGREDIENTS, INTERMEDIATES AND FEEDSTOCKS



The United Soybean Board (USB) has been actively supporting innovative soy-based research for new product development since 1995. Soybean components — including oil, protein and hulls — continue to be incorporated into industrial products as researchers and manufacturers increasingly “think soy.”

Over the past decade, numerous winners of the Presidential Green Chemistry award have received research funding support from the soybean industry.

The molecular structure of soybean oil can be readily modified in many applications as a replacement for petrochemicals, and delivers performance that meets or exceeds industry standards. Using soy as a replacement for petrochemicals helps make products more renewable and environmentally friendly.

Life cycle assessment studies show environmental benefits including lower carbon dioxide emissions, and less energy production costs.

Soybean oil lowers the VOC content of products and reduces exposure to toxic chemicals, too. And in many cases soybean oil even IMPROVES product performance. Soy is the only commodity that is grown in equal amounts in both hemispheres, so there’s always a new crop being grown. This ensures a steady supply and reduces the price volatility associated with petrochemicals. When soybeans are crushed, they yield about 20 percent oil, most of which is used in human food. However more than 6.4 billion pounds of excess oil goes into the production of products like biodiesel fuel, polyols for polyurethane, plasticizers, inks, coatings, sealants and toners.

Approximately 96.78 percent of soybean meal that is produced when the oil is extracted is used to feed livestock, because it is almost half protein. But the other half is mostly indigestible carbohydrates. If some or all of those carbohydrates are removed, protein concentrates and isolates can be used for human food. The indigestible carbohydrates become the world’s lowest-cost source of sugars for fermentation into fuels and chemicals. A growing percent of soy protein is used to make industrial products like wood adhesives and paper coatings.

BLOWN SOYBEAN OILS

CARGILL INDUSTRIAL OILS & LUBRICANTS

680 Blown Soybean Oil — Blown soybean oil is refined and blown under controlled conditions to achieve high viscosity. It is used in caulking and glazing compounds, lacquers and printing inks.

WERNER SMITH, INC.

Kettle bodied and blown oils perfect for industrial paint and coating needs. An onsite reactor, a T195 (carbon steel blowing tank) can reach 350F and the blower is capable of 450CFM. Soybean Oils include:

ARB&D Soya

Blown Soya J-L

Blown Soya W-Y

Blown Soya Z2-Z4

Blown Soya Z7-Z8

KB Soya G-H

KB Soya W-Y

KB Soya Z2

PLASTICS

ARCHER DANIELS MIDLAND (ADM)

The ADM polyol product line includes propylene glycol and glycerol for use as inert ingredients in plastics.

ADM CA 118 - A reactive diluent for epoxy as well as a low VOC coalescent.

ALLNEX

Ebecryl(R) 860 - An epoxidized soybean oil tetraacrylate with good flow, leveling, pigment wetting and adhesion.

AMERICAN CHEMICAL SERVICE (ACS)

Epoxol(R) 7-4 - Epoxidized soybean oil

ARKEMA, INC.

Vikoflex® 7170 — An epoxidized soybean oil, sourced from U.S. soybeans that yields oxirane values more than 6.8 percent. Vikoflex provides superior viscosity, color, and acid values typically at much lower cost than competitive offers. It is a phthalate-free soy-based plasticizer.

BAYER MATERIAL SCIENCE, LLC (COVESTRO)

Provides a range of proven soy-based polyurethane systems. Tailor-made modifications of their broad polyurethane portfolio are available.

BIOBASED TECHNOLOGIES, LLC

Agrol® — A family of natural oil-based polyols available in a range of functionalities that can be used in a variety of polyurethane applications.

Agrol 2.0 — A 2 functional, viscous polyol suitable for coatings, adhesives, sealants, elastomer (CASE) and slabstock applications.

Agrol 2.8 — A 2.8 functional, viscous soybean-based polyol suitable for coatings, adhesives, sealants, elastomers (CASE), flexible molded, rigid molded, slabstock and spray foam insulation applications.

Agrol 3.0 — A 3 functional, viscous polyol used in coatings, adhesives, sealants, elastomers (CASE), flexible molded, rigid molded, slabstock and spray foam insulation applications.

Agrol 3.6 — A 3.6 functional, viscous polyol for rigid molded applications.

Agrol 4.3 — A 4.3 functional, viscous polyol for rigid molded applications.

Agrol 5.6 — A 5.6 functional, viscous soybean-based polyol suitable for rigid molded applications.

Agrol 7.0 — A 7.0 functional, viscous polyol for rigid molded applications.

Agrol Diamond — A functional, viscous polyol for rigid molded applications.

Agrol PRIME, STAR, PLATINUM AND A0+ — Soy-based polyurethane products made from natural, rapidly renewable oils. They can be used in many of the same or similar applications as petroleum polyols. Prime is slated for flexible slabstock formulations.

Soyol® polyols — By Biobased Technologies, used to replace polyols in existing formulations or in formulation development. Provide performance that is equal to, or enhanced over competitive materials.

Soyol R2-052 (A-F) — A series of 2 function polyols used in the production of flexible and rigid foams, coatings, adhesives, sealants and elastomers.



Biobased Technologies, LLC
Agrol® soy-based polyols are USDA certified biobased products and are an exciting option for environmentally conscious manufacturers who want to decrease their use of petroleum-based polyols.



PolyOne Corporation

Non-phthalate, soy-based plasticizers by Polyone comply with all phthalate restrictions and in many cases demonstrate improved processing versus traditional flexible vinyl without sacrificing performance.

Soyol R3-170 (A-G) — A series of 3 function polyols used in the production of flexible and rigid foams as well as coatings and elastomers.

Soyol RS — Used in a variety of polyurethane applications.

CARGILL BIOH POLYOLS

BiOH® polyols are soy-based, industrial ingredients for polyurethane products such as flexible foam, rigid polyurethane foam, coatings, adhesives and sealants.

CHS, INC.

PlastiSoy™ — An epoxidized soybean oil used by plastic manufacturers as a secondary heat and light stabilizer and co-plasticizer in flexible PVC applications.

DECEUNINCK NORTH AMERICA

Innergy™ Rigid Thermal Reinforcements — Pultruded fiberglass and soy-based urethane insert that slides into windowframe chambers for greater support and insulation.

DIXIE CHEMICAL COMPANY, INC.

Maseo (Maleinated Acrylated Epoxidized Soybean Oil) — A soybean oil-based resin suitable for high temperature cure composite applications.

DOW AUTOMOTIVE SYSTEMS

BetaFoam™ Renue — A cavity sealing foam made with 25 percent renewable soy oil.

DUPONT SOY POLYMERS

SoBind™ Balance — For coatings, adhesives and multiple uses.

ELEVANCE

Novel soy-based di-functional specialty chemicals used as building blocks for a wide variety of engineered specialty polyamide, polyols & polyesters; epoxies and polyurethanes; and coatings and cross linkers.

EMERY OLEOCHEMICALS

Infigreen® Recycled Polyols — Contain soy-based polyols.

GALATA CHEMICALS, INC.

Drapex® Alpha — A primary biobased plasticizer that can replace phthalate plasticizers in polyvinyl polymers.

HALLSTAR

Paraplex G-60 - A high molecular weight soybean oil epoxide, which provides effective heat and light stabilization in polyvinyl chloride polymers, nitrocellulose lacquers and chlorinated rubber compounds.

Paraplex G-62 - A high molecular weight soybean oil epoxide. In vinyl compounds and polychloroprene, it combines good permanence properties, stabilizing effectiveness and retention of compatibility on aging. Paraplex G-62 is the most compatible of the high molecular weight Paraplex oil epoxides.

Plasthall ESO - Epoxidized soybean oil which offers excellent stabilizing effectiveness to PVC and polychloroprene compounds.

HYBRID COATING TECHNOLOGIES

FL13, FL14W, FLI060 — Floor coatings for indoor and outdoor applications that uses Green Polyurethane™, the first modified hybrid polyurethane. Currently used in coatings and paint, Green Polyurethane is manufactured without the use of toxic isocyanates throughout the production process, resulting in a substitute for conventional polyurethane and epoxies that is less toxic, and lowers application costs.

Green Polyurethane has been reviewed and recommended by regulatory agencies and was a winner of the 2015 U.S. EPA Presidential Green Chemistry Award.

IMPACT GEL CORPORATION

Impact Gel™ — A dynamic product derived from soy and other natural oils and used for bedding, footwear, equine and sports products.

INNOVATIVE POLYMERS, INC.

InnoGreen™ Polyurethanes — A line of 30 to 40 percent soy-based polyurethane cast elastomer systems.

LAUREL BIOCOMPOSITE, LLC

Bio-Res — Polylactide-based polymers that can be injection molded and extruded. Bio-Res grades with 97 percent PLA content, 62 percent PLA along with polyethylene and a PLA powder were recently approved by the USDA as Certified Biobased Products.

MBI TECHNOLOGIES, INC.

MBI has assembled a multidisciplinary team of scientists and engineers, as well as the required pilot-plant facilities, to work collaboratively with partners like DuPont and Cargill Dow to address the risks associated with bringing biobased technologies to market. MBI also provides connectivity with both Michigan State University and the broader research community to solve complex problems.

POLYONE CORPORATION

Reflex™ 100 — A biobased plasticizer used as a replacement for phthalate plasticizers based on Battelle technology and developed with Archer Daniels Midland. This product has been recognized by the U.S. Department of Agriculture's BioPreferred program and labeled 94 percent biobased.

SOY TECHNOLOGIES, LLC

Soyanol™ — Raw materials, additives and intermediary blends sold under the Soyanol brand. Soy Technologies specializes in bulk and private label sold to manufacturers and distributors.

TEXTILE RUBBER & CHEMICAL COMPANY

Terra-Soy — Formulated soy polyurethane system for attached carpet pad using SoyOyl.

THE CHEMICAL COMPANY

ESO - An epoxidized glycerol fatty ester that is used as a plasticizer and stabilizer in plastic materials. The substance is especially useful in PVC and its copolymers to keep plastics and rubber soft and pliable. The epoxy functionality provides excellent heat and light stability.

PROTEINS

APPLIED PROTEIN SYSTEMS

ProSoy 3938 — A soy-based carrier and pelletizing additive with exceptional absorbency characteristics used in the animal pharmaceutical industry as a delivery system for converting liquid drug or health-related ingredients to a dry form which can be added to animal food.

ProSoy 5452 — A soy-protein-based binder and multifunctional additive for paper and paperboard coatings chemically modified to improve runnability. Trade secret processing produces exceptional handling and use characteristics.

ProSoy 5820 — A lower cost soy-based binder and multifunctional additive for paper and paperboard coatings.



Applied Protein Systems

ProSoy soy-protein-based binders and additives improve the performance of coatings and are also used as pelletizing additives in the animal pharmaceutical industry.

ProSoy 7460 — A soy-protein-based pigment binder for water-based flexographic and gravure inks. It is heat resistant, improves print quality, allows longer press runs and easier press cleanup.

Soy Protein Binder PSA35MA — Binder used in coating for gypsum wallboard. Coating provides a smooth, even and glossy wall surface across seams and nail spots that have been covered with a joint compound. Enables surface to evenly take paint and stain. ARCHER DANIELS MIDLAND (ADM)

ADM offers an extensive line of versatile protein ingredients in a variety of forms including isolated soy protein, soy protein concentrates and soy flour to meet the widest range of formulation needs.

CARGILL

Prolia™ — A soy flour that is a natural replacement for formaldehyde and phenol-based resins in wood materials.

DUPONT SOY POLYMERS

DuPont™ Soy Polymers are used for partial or complete replacement of latex, casein and other natural or synthetic binders, viscosity modifiers and thickeners. They are also used to obtain functional improvements.

Pro-Cote™ Series — Chemically modified soy protein polymers designed for use primarily as rheology modifiers, co-binders and coating structuring agents in paper and paperboard coatings.

SoBind™ Balance — Technology for industrial coatings provides a unique balance between performance, cost savings and sustainability.

SoBind™ Clarity — For leather finishing.

SoBind™ Impression — For water-based inks, provides reliability of supply while lowering overall carbon emissions.

SoBind™ Harmony — A unique family of products specifically designed for Personal Care that are extremely efficient emulsion stabilizers, binders, thickeners and pigment enhancers with multiple benefits.

TRI-K INDUSTRIES

Soy Tein NPNF® — A hydrolyzed soy protein for skin and hair care.

SYNALLOY

SynBurst OB-ECO — An OB-ECO technology platform that is a radical departure from traditional oil-based antifoams. The old products use hydrocarbons such as paraffinic oil, naphthenic oil, or mineral seal oil. SynBurst OB-ECO has almost 100 percent renewable plant-based content. SynBurst OB-ECO is already being used in textiles and development is underway in paper and in coatings.

PROPYLENE GLYCOL

ARCHER DANIELS MIDLAND (ADM)

ADM Glycols technology uses a catalytic process called hydrogenolysis to convert glycerin into propylene glycol. It is then purified to either industrial-grade for use in paints, coatings, antifreeze and other products. It is also be purified to USP-specifications-grade for use in food and flavorings, cosmetics, pet foods and as a pharmaceutical excipient.

ORISON MARKETING

100 percent propylene glycol is 100 percent biobased. The proprietary technology uses a catalytic process known as hydrogenolysis to readily convert glycerin into propylene glycol. Very low in toxicity, industrial propylene glycol is listed as GRAS (generally recognized as safe) for use in food and pharmaceuticals.

REFINED AND DEODORIZED SOYBEAN OILS

ABITEC CORPORATION

Sterotex® FL — A hydrogenated excipient that can act as lubricants, bulking agents, binders and mold release agents.

ARCHER DANIELS MIDLAND (ADM)

ADM is one of the world's largest producers of soybean oil for a wide range of industrial applications. Soybean oil is available from fully refined to the highest quality and are also available in liquid and solid modified forms.

ADM CA118 — A soybean oil derivative that works as a reactive diluent for epoxies and a low VOC coalescent.

CARGILL INDUSTRIAL OILS & LUBRICANTS

Refined soybean oil is used to manufacture alkyd resins for paints and inks. In personal care applications, refined soybean oil is used for its natural moisturizing properties. It is also used in anti-dust formulations and in natural cleaners. It has a high lipid content for specialty fermentation applications. Its lubricating characteristics are used in oilfield drilling and hydraulic fluids.

CHARKIT CHEMICAL CORP.

USP-Certified Pharmaceutical-Grade Soybean Oil

COLUMBUS FOODS

Hydrogenated Soybean Oil

Partially Hydrogenated Soybean Oil

Refined, Bleached and Deodorized Soybean Oil

INTERNATIONAL LUBRICANTS, INC.

Telomers of Soybean Oil — Refined, bleached and deodorized soybean oil and esters of soybean oil.

LIPOID LLC

Soybean Lecithin — A soybean derivative for use in cosmetics.

TRI-K INDUSTRIES

Amino Soy NPNF® — A soy amino acid for skincare products.

WELCH HOLME & CLARK CO., INC.

Partially Hydrogenated Soybean Oil WELCH

HOLME & CLARK CO., INC.

Refined Soybean Oil — Refined, bleached and deodorized soybean oil.

Refined USP-Grade Soybean Oil

WEST CENTRAL SOY

As SoyPLUS® and SoyChlor® are processed, pure soybean oil is also extracted and captured. Soybean oil can be utilized for a variety of purposes, from foods to personal care and renewable fuels. West Central's soybean oil is often refined and utilized for biodiesel manufacturing and human consumption, and is also sold to the worldwide market. Soybean oil is Kosher-certified, and is available in raw form, or degummed for human consumption. Manufactured at West Central's Ralston production facility, and available for delivery by truck or rail.

SOLVENTS (METHYL ESTERS)

ARCHER DANIELS MIDLAND (ADM)

Soy Methyl Ester Micro Emulsions — Used for degreasing, graffiti removal, oil well production chemicals, and in lubricant applications.

CARGILL INDUSTRIAL OILS & LUBRICANTS

Fatty Acid Methyl Esters — Can be used as an industrial cleaning solvent as a replacement in metal cleaning and precision cleaning applications. It also works well as a co-solvent blended with other products such as d-limonene.



Archer Daniels Midland (ADM)

Glycols technology uses a catalytic process called hydrogenolysis to convert glycerin into propylene glycol. It is then purified to either industrial-grade for use in paints, coatings, antifreeze and other products. It is also be purified to USP-specifications-grade for use in food and flavorings, cosmetics, pet foods and as a pharmaceutical excipient.



Soy Technologies

Methyl soyate, a methyl ester derived from soybean oil, is the key ingredient in eco-friendly production of industrial cleaners and strippers like SoyGreen. In testing, these products have demonstrated effectiveness equal to or exceeding their petrochemical counterparts, particularly on stainless steel surfaces. This low-cost, readily biodegradable alternative replaces traditional chlorinated and petroleum solvents.



Akzo Nobel

ARMEEN® aliphatic amines are a family of primary, secondary and tertiary amines used as neutralizers for polymers, resins and carbomers. They also are used as plasticizers in hairspray for improved hold and flexibility in high humidity environments.

COLUMBUS FOODS

Enviro-Save — Soy methyl ester of fatty acid that performs as well as harsh chemical solvents.

Methyl soyate

Soy methyl ester

CORTEC CORPORATION

Ecoline Soya — Soy methyl esters.

DIVERSIFIED CHEMICAL TECHNOLOGIES

Natursol 1000 — A co-solvent blend for parts cleaning.

GEMTEK PRODUCTS, LLC

SC-Solvex — A soy methyl ester, alkanolamide surfactant from soy and water. This emulsion provides excellent solvent KB and yet no VOC. Applications are primarily in the printing industry as a blanket wash, ink remover and adhesive remover; in hand cleaners; as a co-solvent in automotive parts washers; and as a cylinder cleaner for the specialty gas industry. Also used as a floor stripper in federal buildings.

GRIFFIN INDUSTRIES

- **VersaGen** — Methyl esters of fatty acid for industrial applications.

SOLVENT SYSTEMS INTERNATIONAL

SSI Soy Methyl Ester — A 100 percent soybean-oil-based methyl ester that acts as a natural, multi-purpose solvent. It offers significant regulatory and safety advantages over petroleum solvents and addresses the numerous EPA and environmental issues facing solvent users. Soy Methyl Ester is nontoxic and nonflammable and is an extremely efficient solvent for industries in the printing, chemical formulating and adhesives markets. SSI Soy Methyl Ester is USDA BioPreferred Biobased Certified, which qualifies it for government work.

SOY TECHNOLOGIES, LLC

SoyGreen SG5000X/HS

Coating Reducer — Blending a percentage of SoyGreen SG5000X/HS in the formulation with isoalkanes helps reduce viscosity and retard the drying time of paints and coatings, improving the flow and coverage of formulation. DfE-recognized, biobased, VOC-compliant and nonflammable.

SOY TECHNOLOGIES, LLC

Lacquer Retarder — Slows the drying time of quick flashing exempt solvents such as acetone to prevent blushing and allow for proper brush-on times. Slowing lacquer drying times can prevent unwanted brush marks and flash drying. DfE-recognized, biobased, VOC-compliant and nonflammable.

Oil-Base Paint/Primer Component —

Can be used to provide the solvency needed to disperse and hold resins and colorants in oil — or water-based paint and primer while reducing the VOCs in the blend. Works well with existing exempt solvents to match or exceed the performance of more traditional solvent coating formulations. VOC-compliant and nonflammable.

Paint and Lacquer Thinner Component —

Features a high KB value that regulates drying times and raises the flash points in paint and lacquer thinners. Custom formulations reduce the VOC content of paint and lacquer thinners. Other LVP and exempt solvents can be blended with SG5000X to provide proprietary low VOC formulations for California and the OTC states. Can replace or reduce the use of MEK, MAK, naphtha or mineral spirits. Blends easily with acetone. DfE-recognized, biobased, VOC-compliant and nonflammable.

Stain and Sealer Component — Provides an excellent solvent base for carrying colorants and silicas often used in stains and sealers. Excellent penetrating properties on wood, concrete and other porous materials. Does not harm or dry wood substrates. DfE-recognized, biobased, VOC-compliant and nonflammable.

VANTAGE SPECIALTIES, INC.

Soy Methyl Esters — Used as an industrial cleaning solvent. Also works well as a co-solvent blended with other products.

VERTEC BIOSOLVENTS, INC.

Soy methyl ester

SURFACTANTS AND EMULSIFIERS

AFTON CHEMICAL CORPORATION

Actrasol® OY-67 — A good lubricant for textile applications, non-staining on aluminum, steel and copper.

Actrasol OY-75W — Compatible with most builders' use in cleaner formulations.

AKZO NOBEL

Armeen® S — A corrosion inhibitor, dispersing agent and emulsifier.

Armeen DMSD — A chemical intermediate, resin neutralizer and corrosion inhibitor.

Arquad® SV 60 PG — A foam booster, antistatic, emulsifier, dispersing agent, wetting agent and lubricant.

Ethomeen® S/12 — An oilfield cleansing surfactant.

AMERICAN LECITHIN COMPANY

Natipide® II — Liposomes for dermatology and cosmetics that improve skin humidity and skin penetration.

ARCHER DANIELS MIDLAND (ADM)

ADM provides soy lecithin ingredients for use in emulsion and surfactant applications.

BASF

Agnique® SB010 — A low dose agricultural adjuvant and emulsifier for plant protection products.

Comperlan® VOD — Serves as a thickener in surfactant preparations.

BASF

Larostat® 264A — An effective cationic antistat that acts as a solubilizing/compatibilizing agent that holds product together. Suitable for textile market.

CARGILL INDUSTRIAL OILS
& LUBRICANTS

Anova™ Emulsifiers — Tack-free liquid emulsifiers for quick and medium-setting asphalt formulations.

CELANESE

Avicor 384 Vinyl Acrylic — A small particle size, APE-free surfactant-stabilized emulsion. It exhibits excellent scrub and stain resistance and offers excellent flexibility for use on aged masonry and primed wood.

Avicor 385 — A high scrub, vinyl acrylic emulsion designed to provide superior performance in interior and exterior paints. It combines high molecular weight, excellent film formation, flexibility and water resistance to produce paint films with excellent toughness, gloss and durability.

COLONIAL CHEMICAL, INC.

Cola® Mid 3458 MFA — Provides excellent foam stabilization, viscosity building, conditioning and emulsification properties in shampoos, skin cleansers and other personal care products.

Cola® Liquid DO — Improves foam, viscosity and feel properties of personal care formulations.

Cola® Quat SME — A cationic surfactant designed to neutralize a wide range of odors.



Lubrizol

Soy-based amide replacements and pre-formulated, amide-free surfactant blends by Lubrizol provide superior performance evidence by rich lather, flash foam and mildness in shampoos, shower gels and other personal care products.



Manufacturers Chemicals

Soy-based antifoaming agents are used in industrial applications including paper, municipal waste and textile operations to make them more environmentally friendly and efficient.

COLUMBUS FOODS

Lecithin — Soybean-derived emulsifier used as a viscosity reducer, as well as for a variety of other uses.

CRODA

Prifac™ 8953 — A distilled fatty acid derived from soybeans that acts as an emulsifier in household products.

DOW CORNING CORPORATION

HY-3200 Emulsifying Soy Wax —

A thickening and emulsification agent for personal care products.

DUPONT SOY POLYMERS

SoBind™ Harmony — Water dispersible, soy-based polymers that provide multi-functional properties in applications including creams, lotions, hair care, hair color, color cosmetics, gels and cleansers. SoBind Harmony is biodegradable with an excellent safety and toxicology profile.

ELEMENTIS

Serdex NAD 20 — Mild for skin and eyes, it has good emulsifying, softening, lubricating and antistatic properties.

LAMBERTI SYNTHESIS USA

Soya Bean Oil, Ethoxylated & Propoxylated

LIPO CHEMICALS

Lipovol® Soy — Imparts a soft lubricious skin-feel in personal care products.

Lipovol HS — Exhibits excellent stability. A superior carrier for essential oils and other oil-soluble components.

LOGOS TECHNOLOGIES, LLC

NatSurFact(R) - A rhamnolipid-based bopsifactant.

LUBRIZOL

Amidex™ Surfactant — Excellent foam properties in soaps.

Chembetaine™ S-FA Surfactant — Special conditioning, foaming and viscosity building properties when used in shampoos, hand soaps and bath products.

LOGOS TECHNOLOGIES, LLC

NatSurFact(R) - A rhamnolipid-based bopsifactant.

LUBRIZOL

Chemonic™ SI-63 Surfactant — A mild cleansing agent and solubilizer. Used in baby products and sensitive skin formulations which require very low levels of skin irritation.

Chemonic™ SI-7 Surfactant — Mild viscosity builder and foam stabilizer with emollient feel.

Chemoxide™ SO Surfactant — Provides good viscosity and foam enhancement, and improved performance in hard water.

Schercomid™ SLL Fatty Acid Diethanolamide — Contributes to conditioning and emolliency effects in shampoos and cosmetics.

Schercoquat™ SOAS-PG Specialty Quat — A highly concentrated liquid for hair conditioners.

Potassium Soyate — Contains glycerin, which serves as a natural moisturizer in formulated hand soaps.

Quatrex™ S Conditioning Agent — Exhibits excellent conditioning in shampoos.

MANUFACTURERS CHEMICALS

Defoamer SOY — An eco-friendly antifoaming agent made from a mixture of oils, primarily soybean oil.

Defoamer ECO CARE — A soy-based defoamer used in industrial applications such as paper, municipal waste, textile and oilfields.

Made of renewable soybean oil, the defoamer is highly functional and effective.

PCI GROUP, INC.

CSV 3000 — Concrete stain vehicle made from soybean oil.

WSV 3000 — Wood stain vehicle made from soybean oil. PILOT CHEMICAL CORPORATION

Maquat® Soy-QSX — A unique, naturally derived “deep conditioning” agent for use in haircare products.

PILOT CHEMICAL COMPANY

Maquat(R) Soy-QSX - A unique naturally derived “deep conditioning” agent for use in salon-quality hair products.

SOY TECHNOLOGIES, LLC

Soyfast Manufacturing Base for All-Purpose Cleaner — Use in concentrations as high as 100 percent for super-concentrated laundry and dish detergents and chemical dispensing systems, to as low as 6 percent for concentrated all-purpose cleaners. When diluted with water, a clear microemulsion is formed that may be colored and perfumed as desired. DfE-recognized, biobased, VOC-compliant and nonflammable.

SOLAE

Actiflo — A fluid lecithin rich in phospholipids. Suitable for water-in-oil emulsions.

Blendmax K — A refined, fluid lecithin that has been enzyme-modified to enhance water-dispersibility.

Centrocip — Centrocip lecithins are clear and brilliant, low-viscosity lecithins designed to be free of hexane.

Control CA — A medium-polarity, oil-in-water emulsifier.

Control Series — Stable, easy-to-handle fluid blends of natural phospholipids and soybean oil.

Centrolene Series — Hydrophilic lecithins produced through a chemical modification known as hydroxylation.

Centrox Series — Highly concentrated, versatile lecithin powders in an essentially oil-free form. They have the highest acetone-insoluble level found in the Solae line and the highest level of soybean phospholipids with no carriers or diluents.

Centromix Series — Fluid lecithins are highly water-dispersible, oil-in-water emulsifiers that provide optimal pigment dispersion in water-based paints and coatings.

Centrophase HR — The original heat-resistant lecithin.

Centrophase Series — Versatile low-viscosity fluid lecithin products.

Centrophil Series — A blend of oil-free phospholipids and refined specialty oils.

SOLVAY NOVECARE RHODIA

Mackamide® S — Acts as a foam booster and stabilizer when blended with anionic surfactants in solid applications such as bar soap.

Mackam™ 2S — An extremely mild surfactant, used in baby shampoos. Stable in strong alkaline systems.

SOLVENT SYSTEMS INTERNATIONAL

Hero Biobased Ultra-Solve — A surfactant that boosts the cleaning power of methyl ester and makes solvents rinseable with water. It cleans and protects surfaces by removing oils and grease, leaving a corrosion-resistant barrier if desired. It can be used as a biobased replacement for more hazardous solvents such as mineral spirits. It can be used in any parts washer.



Cargill

Used in a wide range of applications from personal care products to alkyd resins for paint, and soy polyols for foam refined, bleached and deodorized soybean oil has a high lipid content that also makes it a good feedstock for specialty fermentation applications. Lubricating characteristics of high oleic soybean oil, particularly at high temperatures, are valued in automotive applications and hydraulic fluids.



EcoSoya Wax

Container blend soy flakes are made from natural botanical oils with a soybean base. Environmentally friendly, soy candles burn cleaner with reduced carbon buildup and no pollutants.

STEPAN

Accosoft 750 — A laundry fabric softener.

Petrostep Q-50S — Used as a down hole corrosion inhibitor in oil wells.

VANTAGE SPECIALTIES, INC.

Lamchem PE-130K — Improves the taste and feel of fat-free foods. Exhibits excellent extreme pressure lubrication on both ferrous and non-ferrous metals.

Lamchem PMD K — Exhibits properties resembling lecithin when used in food products.

Oleocal® IVO-114 K — A pigment dispersant for paints and coatings.

WELCH HOLME & CLARK CO., INC.

Lecithin — Crude, unbleached, food-grade.

TECHNICAL GRADE SOYBEAN OILS

ARCHER DANIELS MIDLAND (ADM)

ADM is one of the world's largest producers of soybean oil for use in industrial products.

CARGILL INDUSTRIAL OILS & LUBRICANTS

Technical Grade Soybean Oils — Refined, bleached and deodorized soybean oil used in paints, varnishes, alkyd resins, epoxidized oils, pharmaceuticals, printing inks and pesticide carriers. Food-grade applications available as well. Fully refined and deodorized. Meets the requirements for edible uses.

CHARKIT CHEMICAL CORP.

Refined Food-Grade Soybean Oil — Drum lots for food.

ELEVANCE

Inherent™ — Biobased lubricant base oils and additives enable improved performance for the fast growing synthetic lubricants market. Molecularly identical drop-in fuels use multiple renewable feedstocks to cost-effectively replace diesel and jet fuels.

FEED ENERGY CO.

Industrial Vegetable Oils — available for use in a wide range of industrial applications.

GALATA CHEMICALS

Drapex 38 — Epoxidized soybean oil.

ICC CHEMICAL CORPORATION

Epoxidized Soybean Oil

VANTAGE SPECIALTIES, INC.

Soybean Oil

UNREFINED SOYBEAN OILS

ARCHER DANIELS MIDLAND (ADM)

ADM is one of the world's largest producers of soybean oil for use in industrial products.

CARGILL INDUSTRIAL OILS & LUBRICANTS

Crude Soybean Oil — Unrefined soybean oil.

Soya Pre-Fatty Acids — Soy fatty acids.

WAXES

ARCHER DANIELS MIDLAND (ADM)

ADM is one of the world's largest producers of soybean oil for use in waxes.

BITTER CREEK CANDLE SUPPLY, INC.

All-Soy 100 Percent Soy Flakes — Can be used in candles as a base candle wax or as an additive to other waxes. Used in toiletry and cosmetics such as lip balm, cold process soap, lotion bars and solid perfume balms.

CARGILL BIOH POLYOLS

Naturewax

Elite 200 Soy Wax — A vegetable blend wax used for container candle applications.

Elite 300 Pillar Wax — Used for container candle applications.

P-1 — Used for pillar/taper candle applications.

S-97, S-100, S-113; S-118, S-130, S-14, S-155 — 100 percent soy waxes used for blending with paraffin or by itself for multiple applications.

V-1 — A vegetable blend used for votive/tart candle applications.

ECOSOYA WAX

Eco CB120 — Container blend flakes with a melting point of 120 degrees Fahrenheit. Made from pure, 100 percent natural botanical oils with a soybean base. Generally burns longer than paraffin candle waxes. Burns cleaner with reduced carbon buildup and no pollutants. Environmentally friendly.

Eco PB — Pillar blend flakes with a melting point of 140 degrees Fahrenheit.

Eco CB135 — Container blend flakes with a melting point of 135 degrees Fahrenheit.

Soy Lip and Body Balm Base — An all-natural product formulated for making easy melt and pour lip balms as well as solid lotion bars, solid perfume sticks, massage bars, cosmetic glitter sticks and more.

GALATA CHEMICALS, INC.

Soypex™ 100 — A soy-based replacement for paraffin wax in candles.

GREEN CHEM COATINGS

Green Chem Coatings GCX Series — Highly stable, soy-based aqueous wax emulsions that perform like paraffin and other blended wax emulsions. Can be used as an internal sizing agent in paper manufacturing. It also can be used as an additive to paints, coatings and inks. GCX-155 is available in drum, tote or bulk-tank quantities

NATURE'S GIFTS INTERNATIONAL, LLC

CB-Xcel — Soy wax that is molecularly blueprinted to control polymorphism. It has extreme resistance to bloom and wet spots, while producing an excellent scent. It maintains an even burn pool with consistent color retention.

Eco-Wick Wax — Soy wax for wick coating. Specifically designed to keep wicks rigid and erect in melted wax while maintaining flexibility and excellent coating properties.

EcoSoya CB Advanced and 135 — Used in container candles. Formulated with a creamy white appearance along with the best burn characteristics of EcoSoya container waxes.

EcoSoya PB — Wax for all pillar candles and for wax dipping.

NATUREWAX

To help premium candle makers in North America meet the growing demand for cleaner, non-petroleum-based wax blends, Cargill has acquired NatureWax, a leading supplier of natural, vegetable-based waxes.

PETER CREMER NORTH AMERICA

Soy Wax Blends — Candle wax blends containing soybean oil. Company Listings



Nature's Gifts International

Soy wax has extreme resistance to bloom and wet spots and produces an excellent scent.

COMPANY LISTING

The companies listed are contacted annually to verify that their products contain soy in some form and are available for sale. In some cases, new products will be launched, and other products may no longer be available. Many companies have indicated an interest in wholesale distribution, and resellers are encouraged to contact them directly. USB does not provide any guarantee or warranty of the products or suppliers.

ABITEC Corporation

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Columbus, IL 43215
P – 800-555-1255
P – 614-429-6464
info@abiteccorp.com

ADCO

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F – 847-282-3481
adcoglobal.com

Afton Chemical Corporation

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Richmond, VA 23219
P – 804-788-5800
P – 800-403-0044
aftonchemical.com

Ag Environmental Products

12700 West Dodge Rd.
Omaha, NE 68154
P – 800-599-9209
F – 402-498-22470
soygold.com
snogel@agp.com

Agrilience (see Cendak)

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P – 800-205-7336
F – 701-324-4801
cendakcoop.com
joe@cendakcoop.com

Akzo Nobel Surface Chemistry LLC

525 West Van Buren Street
Chicago, IL 60607-3823
P – 312-544-7000
F – 312-544-7410
akzonobel.com
csrusa@akzonobel.com

Alden & Ott Printing Inks Company

616 E. Brook Dr.
Arlington Heights, IL 60005
P – 847-956-6830
F – 847-956-6509
aldenottink.com
info@aldenottink.com

allnex USA Inc.

9005 Westside Parkway
Alpharetta, GA 30009
P – 770-280-8300
allnex.com

American Chemical Service (ACS)

420 S. Colfax Ave.
P.O. Box 190
Griffith, IN 46319
P – 612-816-2261
Acstech.com
sales@acstech.com

American Coatings Corporation

3037 N.W. 60th St.
Ft. Lauderdale, FL 33309
P – 800-533-0151
F – 954-970-3690
goamerco.com
info@goamerco.com

American Leather

americanleather.com

American Lecithin Company

115 Hurley Road
Oxford, CT 06478
P – 800-364-4416
P – 203-262-7100
americanlecithin.com

Applied Protein Systems

10459 S. Muskegon Ave.
Chicago, IL 60617
P – 502-241-0525
F – 502-241-0527
appliedproteins.com
sales@appliedproteins.com
dbenzick@appliedproteins.com

Archer Daniels Midland Company (ADM)

Evolution Chemicals
4666 Faries Parkway
Decatur, IL 62526
P – 866-660-7336
P – 217-424-5200
adm.com
evolution@adm.com

Arkema, Inc.

900 First Avenue
King of Prussia, PA 19406
P – 800-225-7788
P – 610-878-6500
arkema-americas.com

Ashland, Inc.

50 E. RiverCenter Blvd.
P.O. Box 391
Covington, NY 41012-0391
P – 859-815-3333
ashland.com

Ashley Furniture

ashleyfurniture.com

Astro Turf

2680 Abutment Rd. SE
Dalton, GA 30721
P – 800-723-8873
astroturf.com
help@astroturf.com

Athea Laboratories, Inc.

1900 West Cornell St.
Milwaukee, WI 53209
P – 855-705-6493
P – 414-354-6417
F – 414-354-9219
athea.com
info@athea.com

AVEENO

Johnson & Johnson Consumer
Companies, Inc.
P – 888-638-5242
jnj.com

Baby Soy

babysoyusa.com

BASF Corporation

North America
P – 973-245-6000
P – 800-526-1072
agro.basf.com

Bauhaus USA, Inc.

1 Bauhaus Drive
Saltillo, MS 38866
P – 662-869-2664
bauhaususa.com

**Bayer Material Science LLC
(COVESTRO)**

100 Bayer Road
Pittsburgh, PA 15205-9741
P – 800-662-2927
P – 412-777-2000
F – 412-777-3899
covestro.com

Bennington Candles

P.O. Box 526
Shaftsbury, VT
P – 888-314-3003
benningtoncandle.com

Bi-O-Kleen Industries, Inc.

P.O. Box 820689
Vancouver, WA 98682
P – 800-477-0188
F – 360-576-0065
biokleen.com
sales@biokleen.com

Biobased Spray Systems, Inc.

2506 Fair Road
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P – 937-498-9803
F – 937-660-6875
biorestor.com
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BioBased Technologies, LLC

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P – 877-476-5965
biobasedtechnologies.com
agrol@biobased.net

Biobent Polymers

1275 Kinnear Road
Columbus, OH 43212
P – 513-658-5560
kmasavage@biobent.com

**BioBlend Renewable
Resources, LLC**

2250 Arthur Ave
Elk Grove Village, IL 60007
P – 630-227-1800
P – 312-310-1644
bioblend.com
info@bioblend.com

BioSpan Technologies, Inc.

P.O. Box 4222
Ballwin, MO 63022
P – 800-730-8980
P – 636-583-7974
F – 636-583-1773
biospantech.com
info@biospantech.com

Biostripe (Aexcel Corporation)

7373 Production Drive
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P – 440-862-4824
P – 855-445-20155
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Biosynthetic Technologies

2 Park Plaza, Suite 200
Irvine, CA 92614
P – 949-390-5919
P – 949-500-8684
biosynthetic.com

Bipacco Coatings, LLC

100 Industrial Dr
Cuba, MO 65453
P – 573-885-2506
www.bipacco.com

Bitter Creek Candle Supply, Inc.

42212 County Hwy. E
Ashland, WI 54806
P – 877-635-8929
F – 715-278-3904
soycandlesupplies.com
info@candlesupply.com

Braden Sutphin Ink Company

3650 E. 93rd St.
Cleveland, OH 44105
P – 216-271-2300
F – 216-640-2892
bsink.com

Bridgestone Americas Tire Operations

4600 NW 2nd Avenue
Suite 100
Des Moines, IA 50313
P – 844-64-TIRES
P – 800-847-3364
<http://commercial.firestone.com/en-us/solutions/agriculture>

C R Laine

crlaine.com

Cabrun Ink Products

2020 Valetta St.
Philadelphia, PA 19124
P – 215-533-2990
F – 215-533-0869
cabrunink.com
cabrunink@aol.com

Candlemart

P.O. Box 3647
Fayetteville, AR 72701
P – 877-352-6353
F – 479-718-3614
candlemart.com

Candles By Claire

P – 302-547-9561
candlesbyclaire.com
claire@candlesbyclaire.com

Cargill Anova

13400 15th Ave. N, Suite B
Plymouth, MN 55441
P – 800-842-3631

*cargill.com/products/industrial/
asphalt-solutions*

anova-asphalt@cargill.com

**Cargill BioH Polyols and
Cargill Industrial Oils and Lubricants**

P.O. Box 5700, MS 66
Minneapolis, MN, 55440
P – 800-842-3631

bioh.com

bioh@cargill.com

techoils.cargill.com

techoils@cargill.com

Casciaro Candle Company

Imperial, MO

P – 314-698-7193

casciarocandle.com

Casciarocandle@gmail.com

Celanese

222 W. Las Colinas Boulevard
Irving, TX 75039
P – 877-832-7782
F – 203-299-1355

celanese.com

emulsionstechservice@celanese.com

Cendak (formerly Agriliance)

501 North Street West
Harvey, ND 58341
P – 701-324-4450
P – 800-205-7336
F – 701-324-4801

cendakcoop.com

joe@cendakcoop.com

Cenex

CHS, Inc.
5500 Cenex Drive
Inver Grove Heights, MN 55077
P – 651-355-6000
P – 800-232-3639

chsinc.com

Central Ink Corporation

1100 N. Harvester Rd.
West Chicago, IL 60185
P – 800-345-2541
F – 630-231-6554

cicink.com

Charkit Chemical Corp.

32 Haviland St.
Norwalk, CT 06854
P – 203-299-3220
F – 203-299-1355

charkit.com

sales@charkit.com

Chemisphere

2101 Clifton Avenue
St. Louis, MO 63139
P – 800-844-1301
info@masticremover.com

Chemol Company, Inc.

2300 Rondolph Ave.
Greensboro, NC 27416
P – 336-333-3071
F – 336-273-4645
frdwellns@aol.com

CHS Lubricants

5500 Cenex Dr.
Inver Grove Heights,
MN 55076
P – 800-232-3639
P – 651-355-8437
F – 651-355-5004
cenex.com
lubricants@chsinc.com

Cisco Brothers

5955 S. Western Ave.
Los Angeles, CA 90047
P – 323-778-8612
F – 323-778-9073
ciscobrothers.com

Colonial Chemical, Inc.

P.O. Box 111
South Pittsburg, TN 37380
P – 800-830-2436
P – 423-837-8800
F – 888-624-3642

colonialchem.com

jim@colonialchem.com

Columbia Forest Products

7900 Triad Center Dr.
Suite 200
Greensboro, NC 27409
P – 800-637-1609
columbiaforestproducts.com
info@columbiaforestproducts.com

Columbus Foods

730 N. Albany Ave.
Chicago, IL 60612
P – 800-322-6457
F – 773-265-8985
columbusfoods.com
jloveshe@columbusfoods.com

Cool Clean Technologies, Inc.

915 Blue Gentian Rd.
Eagan, MN 55121
P – 651-842-8600
coolclean.com
Sales@coolclean.com

Cortec Corporation

4119 White Bear Pkwy.
St. Paul, MN 55110
P – 800-4-CORTEC
F – 651-429-1122
cortecvci.com
info@cortecvci.com

Covestro

100 Bayer Road
Pittsburgh, PA 15205-9741
P – 800-662-2927
P – 412-777-2000
F – 412-777-3899
covestro.com

Cox Industries

1503 Lipscomb Rd. E.
Wilson, NC 27893
P – 800-849-8781
sales@soybaseclean.com

Coyer Candle Company

129 Ashman Street
Midland, MI 48640
P – 989-832-6276
info@coyercandleco.com

CPC Specialty Chemical

1005 S. Westgate Drive
Addison, IL 60101
P – 800-327-1835
F – 800-426-2399
cpcaeroscience.com
info@cpcaeroscience.com

Crate and Barrel

crateandbarrel.com/environment

Cresset Chemical Company

One Cresset Center
P.O. Box 367
Weston, OH 43569
P – 800-367-2020
P – 419-669-2041
F – 419-669-220

cresset.com
cresset@cresset.com

Croda Inc.

300-A Columbus Circle
Edison, NJ 08837
P – 732- 417-0800
F – 732-417-0804
croda.com

Crystal Flash

1754 Alpine N.W.
Grand Rapids, MI 49504
P – 800-280-6227
F – 616-363-7130
crystalflash.com

CytoCulture International, Inc.

249 Tewksbury Ave.
Point Richmond, CA 94801
P – 510-233-0102
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cytoculture.com
info@cytoculture.com

D.A. Stuart and Co.

4580 Weaver Pkwy.,
Warrenville, IL 60555
P – 630-393-0833
F – 630-393-0834
dastuart.com

Daycon Products Company, Inc.

16001 Trade Zone Avenue
Upper Marlboro, MD 20774
P – 800-394-0019
P – 301-218-1000
F – 301-218-6000
daycon.com

Deceuninck North America

351 N. Garver Rd.
Monroe, OH 45050
P – 877-563-4251
deceuninckna.com
deceuninckna.com/contact-us/

Delta Creative, Inc.

3225 Westech Dr.
Norcross, GA 30092
P – 800-842-4197
deltacrafts.com
general@plaidonlinemail.com

Demilec USA

2925 Galleria Dr.
Arlington, TX 76011
P – 877-336-4532
demilecusa.com
demilecusa.com/contact

Desilube Technology, Inc.

904 Breezewood Ln.
Lansdale, PA 19446
P – 610-792-9460
P – 215-378-2327
F – 610-948-0744
desilube.com
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Diversified Chemical Technologies

15477 Woodrow Wilson
Detroit, MI 48238
P – 800-328-5382
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dchem.com
info@dchem.com

Dixie Chemical Company, Inc.

10601 Bay Area Blvd.
Pasadena, TX 77057
P – 281-474-3271
dixiechemical.com
info@dixiechemical.com

Dixon Ticonderoga

195 International Pkwy.
Heathrow, FL 32746
P – 800-824-9430
F – 800-232-9396
dixonticonderoga.com
customerservice@dixonusa.com

Dow Automotive Systems

1250 Harmon Rd.
Auburn Hills, MI 48362
P – 800-441-4369
F – 989-832-1465
dowautomotive.com

**Dow Chemical Company
Polyurethane Floor Covering Business**

2864 North Dug Gap Rd.
Dalton, GA 30720
P – 800-847-4212
dow.com

Dow Corning Corporation

PO Box 994
Midland, MI 48686-0994
P – 989-496-7875
P – 800-248-2481
dowcorning.com

Dunn-Edwards Corporation

4885 E. 52nd Place
Los Angeles, CA 90058
P – 888-337-2468
dunnedwards.com/about/contact-us

DuPont Soy Polymers

1034 Danforth Dr., 5C
St. Louis, MO 63102
P – 866-982-7820
P – 314-659-3686
F – 314-659-3547
dupont.com/Solae/en_US
dupontsoypolymers@solae.com

e2e Materials

239 Cherry St.
Ithaca, NY 14850
P – 607-216-4066
e2ematerials.com
info@e2eMaterials.com

Earth Friendly Products

111 S. Rohlwing Rd.
Addison, IL 60101
P – 800-592-1900
efpproline.com

Earth Grown Crayons

Minnetonka, MN
etsy.com/shop/earthgrowncrayons
earthgrowncrayons@gmail.com

Earth Science Naturals

P.O. Box 40339
Santa Barbara, CA 93150
P – 800-347-5211
F – 805-684-4590
earthsciencenaturals.com
info@earthsciencenaturals.com

Eastman (Solutia)

200 South Wilcox Drive
Kingsport, TN 37660
P – 423-229-2000
P – 800-327-8626 (Eastman)
P – 800-325-4330 (Solutia)
eastman.com

EcoPath

232 Lowy Dr.
Chatsworth, GA 30705
P – 706-275-8895
F – 706-272-7033
ecopathmats.com

Eco Safety Products LLC

2921 W. Culver Street
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F – 877-366-7547

ecosafetyproducts.com
sales@ecosafetyproducts.com

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ecotecss.com
info@ecotecssurfaces.com

EDC, Inc.

1729 260th Avenue
Currie, MN 56123
P – 507-920-8431
F – 507-763-3864

dustlock.com
edcdustlock@gmail.com

Elementis

elementis-specialites.com

Elevance Renewable Sciences

2501 Davey Road
Woodridge, IL 60517
P – 866-625-7103
F – 630-633-7295

elevance.com

Emery Oleochemicals

4900 Este Avenue
Cincinnati, OH 45232
P – 513-762-2500

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cin.office@emeryoleo.com

Environmental Inks & Coatings

1 Quality Products Rd.
Morganton, NC 28655
P – 800-368-4657
F – 828-438-9513

envinks.com
sales@envinks.com

**Environmental Lubricants
Manufacturing**

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Grundy Center, IA 50638
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F – 319-276-4803

elmusa.com
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1101 Nowell Rd.
Raleigh, NC, 27607
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F – 919-873-1074

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ealperin@EOSremediation.com

Ergo Genesis

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Navasota, TX 77868
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F – 936-825-1725

ergogenesis.com

Evolution Chemicals

Archer Daniels Midland Company
4666 Faries Parkway
Decatur, IL 62526
P – 866-660-7336
P – 217-424-5200

adm.com
evolution@adm.com

Express Chem

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expresschem.com
rsloss@expresschem.com

Feed Energy Company

3121 Dean Ave.
Des Moines, IA, 50317
P – 515-263-0408
F – 515-263-4163

feedenergy.com
info@feedenergy.com

Flint Group

flintgrp.com

**Florida Ink Manufacturing
Company, Inc.**

1715 Temple St.
Tampa, FL 33619
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flaink.com
jnessmith@flaink.com

Flotek Industries

10613 W. Sam Houston Pkwy N.
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Houston, TX 77064
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webinfo@flotekind.com

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303 Church Street
Rock Hill, SC 29730
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F – 803-329-6644

Fluidsciencesinc.com
fluidsciences@comporium.net

Foam Products Corporation

350 Beamer Road
Calhoun, GA 30701
P – 800-526-3626
P – 706-218-8551

foamproducts.com
info@foamproducts.com

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600 Franklin Dr.
Houston, MS 38851
P – 662-456-4286

franklincorp.com

Franklin Adhesives and Polymers

2020 Breck Street
Columbus, OH 43207
P – 800-877-4583 ext. 1226
P – 614-445-1226
larryowen@franklininternational.com

Franmar Chemical, Inc.

P.O. Box 5565
Bloomington, IL 61702
P – 800-538-5069
F – 309-862-1005

franmar.com
custserv@franmar.com

Fresh

fresh.com

Galata Chemicals

464 Heritage Rd.
Suite A1
Southbury, CT 06488
P – 203-236-9000
F – 877-721-9672

galatachemicals.com
info@galatachemicals.com

Gans Ink & Supply

1441 Boyd St.
Los Angeles, CA 90033
P – 323-264-2200
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gansink.com
info@gansink.com

Gemtek

3808 N. 28th St.
Phoenix, AZ 85017
P – 800-331-7022
P – 602-265-8586
F – 602-265-7241

gemtek.com

info@gemtek.com

Generation Soy

3272 470th Ave.
Emmetsburg, IA 50536
P – 712-298-0490

generationsoy.com

still2@ncn.net

Geo Specialty Chemicals

340 Mathers Road
Ambler, PA 19002-3420
P – 215-773-9280
P – 888-519-3883

Giles & Kendall

3470 Maysville Road
P.O. Box 188
Huntsville, AL 35804
P – 800-225-6738
F – 256-776-2978
info@cedarsafeclosets.com

Global Barrier Coatings

1001 Calle Negocio, Unit B
San Clemente, CA 92673
P – 949-542-7440
F – 949-542-7444
globalbarriercoatings.com
sales@globalbarriercoatings.com

Global Specialty Products -USA Inc.

10 Eagle Avenue
Suite 500
Mt. Holly, NJ 08060
P – 609-518-7577
gsp-usa-inc.com

GOJO Industries

One GoJo Plaza, Suite 500
Akron, OH, 44311
P – 330-255-6000
P – 800-321-9647
gojo.com

Goodyear Tire and Rubber Company

200 Innovation Way
Akron, OH 44306
P – 330-796-7812
P – 216-905-5196
corporate.goodyear.com
Britney_sage@goodyear.com

GPI Corporation

101 Northern Road
P.O. Box 140
Schofield, WI 54476
P – 715-359-6123
sales@gpicomposites.com

Great Western Ink

2100 N.W. 22nd Ave.
Portland, OR 97210-2304
P – 503-226-3595
F – 503-226-3592

Green Chem Coatings, LLC

1041 Astondale Road
Bishop, GA 30621
P – 706-769-9012
greenchemcoatings.com
info@greenchemcoatings.com

Green Eagle Technologies, LLC

6359 E. Copper Hill Drive
Prescott Valley, AZ 86314
P – 928-759-3997
greeneagletechnologies.com

Griffin Industries

4221 Alexandria Pike
Cold Spring, KY 41076
P – 859-781-2010
F – 859-572-2575
griffinind.com
sales@griffinind.com

GrowMark Inc.

2200 South Avenue
Council Bluffs, IA 51503
P – 1-800-798-6457
P – 712-322-4038
F – 712-322-2749
archeroilweb@growmark.com

Hallstar

120 South Riverside Plaza
Chicago, IL 60606
P – 312-554-7400
hallstar.com

Hampel Oil Distributors

3727 S. West St.
Wichita, KS, 67217
P – 800-530-5848
F – 316-529-0261
hampeloil.com
john@hampeloil.com

Hanna's Candle Company/HCC Brands

2700 S. Armstrong Ave.
Fayetteville, AR 72703
P – 800-327-9826
F – 479-443-5473
candlemart.com
sales@hannascandles.com

H.B. Fuller

1200 Willow Lake Boulevard
P.O. Box 64683
St. Paul, MN 55164-0683
P – 651-236-5900
hbfuller.com

Helena Chemical Company

225 Schilling Blvd.
Collierville, TN 38017
P – 901-761-0050
F – 901-761-5754
helenachemical.com
proprietaryproducts@helenachemical.com

Honeybee Gardens

200 Penn Ave.
West Reading, PA 19611
P – 610-396-9225
F – 610-396-9226
honeybeegardens.com
sales@honeybeegardens.com

HSM Solutions**(Hickory Springs Manufacturing)**

1115 Farrington St
Conover, NC 28613
P – 828-328-2213 x3407
hsm solutions.com

Hybrid Coating Technologies

950 John Daly Blvd.
Daly City, CA 94015
P – 310-740-2616
F – 650-755-3362
hybridcoatingtech.com

ICC Chemical Corporation

460 Park Ave.
New York, NY 10022
P – 212-521-1700
F – 212-521-1970
iccchem.com
trading@iccchem.com

IKEA

ikea.com

Impact Gel Corporation

15833 W Judd St.
 Ettrick, WI 54627
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impactgel.com
 contactus@impactgel.com

Innovative Polymers, Inc.

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 Saint Johns, MI 48879
 P – 800-340-4563
 F – 989-224-1400
innovative-polymers.com

International Lubricants, Inc.

7930 Occidental Ave. S
 Seattle, WA 98108
 P – 206-762-5343
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lubegard.com
 wayne@lubegard.com

INX International Ink Co.

50 North Martingale Road
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 Schaumburg, IL 60173
 P – 630-382-1800
 P – 800-631-7956
 F – 847-969-9758
inxinternational.com
 info@inxinternational.com

Iosso Products

1485 Lively Blvd.
 Elk Grove, IL 60007
 P – 888-747-4332
 P – 847-437-8400
 F – 847-437-8478
iosso.com
 iossoproducts@iosso.com

Karma Organic Spa

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 Reidgeewood, NJ 07450
 P – 201-857-5300
karmaorganicspa.com
 customerservice@karmaorganicspa.com

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 kennedyink@aol.com

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 F – 877-370-8595
klaussner.com
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**Lamberti
 Synthesis USA**
 4001 N. Hawthorne St.
 Chattanooga, TN 37406
 P – 423-697-0501
lamberti.com

Lane Furniture

lanefurniture.com

Laurel BioComposites, LLC

504 West Industrial Road
 Laurel, NE 68745
 P – 402-256-9053
 F – 402-256-8030
laurelbiocomposite.com
 t.earnes@laurelbiocomposite.com

Lear Corporation

21557 Telegraph Road
 Southfield, MI 48033
 P – 248-447-5351
lear.com

Lee Industries (American Leather)

210 4th Street SW
 Conover, NC 28613
 P – 800-892-7150
leeindustries.com

Lee Seed Company, Inc.

2242 Hwy. 182
 Inwood, IA, 51240
 P – 800-736-6530
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soynuts.com
 info@soynuts.com

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 150 Mount Bethel Road
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 Warren, NJ 07059
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 F – 973-345-8365
www.lipochemicals.com

Lipoid LLC

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 744 Broad Street
 Suite 1801
 Newark, NJ 07102
 P – 973-735-2692
www.lipoid.com

Logos Technologies

NatSurFact Laboratories
 10342 Battlevue Parkway
 Manassas, VA 20109
 P – 703-584-5725
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www.natsurfact.com/#contact-us

L'oreal

lorealparisusa.com

Lotus Light Enterprises, Inc.

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 Silver Lake, WI 53170
 P – 800-548-3824
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lotuslight@lotuspress.com

LPS Labs

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 Tucker, GA 30085-5052
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 bphillips@LPSP Labs.com

Lubrizol

29400 Lakeland Boulevard
 Wickliffe, OH 44092
 P – 440-943-4200
lubrizol.com

Mallard Ink, Inc.

2345 Dean Ave.
 Des Moines, IA 50317
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 F – 515-262-4014
 micompany@qwest.net

Manufacturers Chemicals LLC

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 PO Box 2788
 Cleveland, TN 37320-2788
 P – 423-476-6518
manufacturerschemicals.com
synalloychemicals.com/contact-us

MaxHome Furniture

maxfurniture.com

Mia Bella's Soy Candles

P.O. Box 2336
Gaithersburg, MD 20886-2336
P – 301-926-4483
F – 301-840-9429

soycandlesetc.scentteam.com
jarcom@bigplanet.com

Milkhouse Candle Creamery

205 Plaza Lane
Osage, IA 50461
P – 800-565-1543
milkhousecandles.com

Mitchell Gold

mgbwhome.com

Mr. Good Chem

P – 727-540-0254
mrgoodchem.com
mrgoodchem@aol.com

National Biodiesel Board

P – 573-635-3893
biodiesel.org

Natural Soy Products

123 North Orchard Street
PO Box 489
Brooklyn, IA 52211
P – 641-522-9559
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naturalsoyproducts.net
contact@naturalsoyproducts.net
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Nature's Broom

1078 Hwy 436
Hollandale, MS 38748
P – 662-839-6927
natures-broom.com

Nature's Gifts International, LLC

10524 Lexington Dr., Ste. 400
Knoxville, TN 37932
P – 877-4-NGIWAX
F – 866-573-4220
ngiwax.com
info@ngiwax.com

Naturewax

P.O. Box 5700, MS 66
Minneapolis, MN 55440
P – 800-842-3631
CIS_customer service@cargill.com

Niemann & Associates

6359 E. Copper Hill Drive
Prescott Valley, AZ 86314
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9Wood

999 South A. Street
Springfield, OR 97477
P – 888-767-9990
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9wood.com

Norwalk Furniture

norwalkfurniture.com

Olay (Proctor & Gamble)

P – 800-285-5170
olay.com/en-us/skin-care-products/
total-effects-collection#

OMNOVA Solutions

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omnova.com
Valerie.Bokar@omnova.com

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F – 573-265-5191
www.prockops.com
info@prockops.com

Prize Candle

P – 310-870-7114
prizecandle.com

QC Construction Products

232 S. Schnoor Ave.
Madera, CA 93637
P – 800-453-8213
F – 559-673-8246
qcconstructionproducts.com
qc@qcconprod.com

Quality Inks, Inc.

2327 E. Jones Ave.
Phoenix, AZ 85040
P – 602-268-4199
F – 602-268-4767
qualityinksandrollers.com
jjashton1@aol.com

Quiet Time Candles

P.O. Box 19722
Philadelphia, PA 19143
P – 215-680-6807
quiettimecandles.com
info@quiettimecandles.com

Real Action Paintball, Inc.

7700 Arroyo Circle
Gilroy, CA 95020
P – 408-434-0434
F – 408-434-0334
rap4.com
salesdept@rap4.com

Reichhold Chemicals

1035 Swabia Ct.
Durham, NC 27703
P – 919-990-7500
F – 919-990-7670
reichhold.com

Renewable Energy Group

416 S. Bell Avenue
P.O. Box 888
Ames, IA 50010
P – 515-239-8000
P – 888-REG-8686
F – 515-239-8009
regfuel.com

Renewable Lubricants, Inc.

476 Griggy Road
P.O. Box 474
Hartville, OH 44632
P – 330-877-9982
F – 330-877-2266
renewablelube.com
info@renewablelube.com

Restore Natural Products

655 19th Avenue NE
Minneapolis, MN 55418
P – 612-788-0628
restorenaturals.com

RSC BioSolutions

9609 Jackson Street
Mentor, OH 44060
P – 704-684-6100
P – 800-661-3558
rscbio.com
info@rscbio.com

Rust-Oleum

11 Hawthorn Prkwy
Vernon Hills, IL 60061
P – 800-899-1729
P – 847-367-7700
F – 847-816-2330
rustoleum.com

Schaeffer Manufacturing Company

102 Barton St.
St. Louis, MO 63104
P – 800-325-9962
F – 314-865-4107
schaefferoil.com
phamilton@schaefferoil.com

Sephora

P – 877-SEPHORA
sephora.com

Sherwin-Williams

101 W. Prospect Ave.
Cleveland, OH 44115
P – 800-524-5979
F – 216-566-1392
sherwin-williams.com

Siegwerk

3535 S.W. 56th St.
Des Moines, IA 50321
P – 515-471-2100
F – 515-471-2200
siegwerk.com

Signature Accord

2222 S. Hamilton St.
Dalton, GA 30721
P – 800-809-7086
P – 706-270-5799
F – 706-270-8779
signaturecarpets.com
info@signaturecarpets.com

Simmons

simmons.com

Skinceuticals

P – 800-771-9489
skinceuticals.com

So Clean Solutions

424 Fairview St.
Belvidere, IL 61008
P – 815-544-9708
F – 815-544-5188
socleansolutions.com
info@socleansolutions.com

Solae

4300 Duncan Avenue
St. Louis, MO 63110
P – 800.325.7108
solae.com
kelly.czerwonka@dupont.com

Solenis

3 Beaver Valley Road
Suite 500
Wilmington, DE 19803
P – 866-337-1533
P – 302-594-5000
soyad.com

Solvay Novicare Rhodia

P – 800-973-7873
rhodia.com

Solvent Systems International

70 King Street
Elk Grove Village, IL 60007
P – 847-437-1100 ext 18
solvent-systems.com

South West Trading Company

1920 E Third St., Ste 3
Tempe, AZ 85281
P – 480-894-1818
F – 480-726-2901
soysilk.com
swfiber@cox.net

Soya Systems, Inc.

9833 Watson Road
St. Louis, MO 63126
P – 800-533-9599
F – 314-428-2654
soya.com
soya@soya.com

Soy Candle Cottage, LLC

P – 405-519-6827
soyskincare@gmail.com
soycandlecottage.com

Soy Candles

7960 B Soquel Dr. #232
Aptos, CA 95003
P – 831-345-8860
SoyCandles.org
info@soycandles.org

Soy Candle Works

23123 Oakview Heights Dr.
Fergus Falls, MN 56537
P – 218-998-2286
F – 218-736-4663

soycw.com
sales@soycandleworks.com

Soy Delites

5711 Duval St.
Austin, TX 78752
P – 512-451-1217

soy-delites.com
cbell@grandecom.net

SoySafe Products, Inc.

20 N. Lincoln Street
Batavia, IL 60510
P – 866-359-9401
P – 630-444-1580
F – 630-444-1584

soysafe.com
customerservice@barcoproducts.com

SoySoft, Inc.

6300 Westwood Court
Edina, MN 55436
P – 800-668-2262
P – 952-935-8745

soysoft@aol.com

SOYsolv Inc.

6154 N. Country Road 33
Tiffin, OH 44883
P – 419-992-4570
F – 419-992-4595

soysolv.com
steve@soysolv.com

Soy Technologies, LLC

1050 Elizabeth Drive
Nicholasville, KY 40356
P – 859-881-1200
F – 561-266-8878

soytek.com
info@soytek.com

SOYWORLD USA

2121 Imboden Ct.
Decatur, IL 62521
P – 217-877-8700
P – 877-769-6242
F – 217-422-7505

soymagic.com

Spartan Chemical Company

1110 Spartan Drive
Maumee, OH
P – 419-531-5551
P – 800-537-8990

spartanchemical.com
spartan@spartanchemical.com

Sprayon

101 Prospect Ave. NW
Cleveland, OH 44114
P – 800-777-2966

sprayon.com

States Industries LLC

P.O. Box 41150
Eugene, OR 97404
P – 541-688-7871
P – 800-626-1981

statesind.com
info@Statesind.com

Stepan

22 West Frontage Rd.
Northfield, IL 60093
P – 847-446-7500
F – 847-501-2100

stepan.com

Sun Chemical Corporation

35 Waterview Boulevard
Parsippany, NJ 07054-1285
P – 973-404-6000
F – 973-404-6001

sunchemical.com

Swan Creek Candle Company

P – 888-272-2773
info@swancreekcandle.com
swancreekcandle.com

SYNALLOY

4510 Cox Road Suite 201
Richmond, VA 23060
P – 864-585-3605
F – 864-596-1501

synalloy.com
synalloy.com/contact-us/

SYNLawn

2680 Abutement Rd.
Dalton, GA 30721
P – 866-796-5296

synlawn.com

Terresolve Technologies (see RSC)

terresolve.com
memiller@terresolve.com

Textile Rubber & Chemical Co.

1300 Tiarco Dr. Southwest
Dalton, GA 30721-1909
P – 706-277-1300
F – 706-277-1111

trcc.com
jlyost@gapac.com

The Chemical Company

44 Southwest Avenue
Jamestown, RI 02835
P – 401-360-2800

thechemco.com

**The Clean Environment Company
(see Natural Soy Products)**

123 N. Orchard St.
Brooklyn, IA 52211

The Composites Group (aka PreMix)

P.O. Box 281
Route 20 and Harmon Road
North Kingsville, OH 44068-0281
P – 440-224-7247

thecompositesgroup.com

The Futon Shop

P – 800-44-FUTON
F – 415-920-6800
Customer-service@thefutonshop.com

Timber Ox, Inc.

2133 E 226th St.
Cicero, IN 46034
P – 317-758-5942
F – 317-758-5955

timberoxgreen.com
lyn@timberoxgreen.com

Toyo Ink America, LLC

710 W. Belden Ave.
Addison, IL 60101
P – 630-930-5100
F – 630-628-1769

toyoink.com

Tri-Flow Lubricants

P – 877-487-4356
triflowlubricants.com
triflowlubricants.com/contact

Tri-K Industries

2 Stewart Court
Denville, NJ 07834
P. 973-298-8850
info@tri-k.com

tri-k.com

TSE Industries

4370 112th Terrace North
Clearwater, FL 33762
P – 800-237-7634
P – 727-573-7676
tse-industries.com

TTI Floor Care North America

7005 Cochran Rd.
Glenwillow, OH 44139
P – 888-321-1134
ttifloorcare.com

Twin Chemicals, Inc.

6175 Hickory Flat Highway
Suite 110-344
Canton, GA 30115
P – 800-442-4958
F – 770-524-6147
twin-chemicals.com
sales@twin-chemicals.com

UltraLube

Plews & Edelmann
1550 Franklin Grove Road
Dixon, IL 61021
P – 800-770-4639
P – 815-288-3344
F – 815-673-7019
ultralube.com

Uniboard

P – 800-361-7502
F – 450-664-6000
uniboard.com

Universal Textile Technologies

204 West Industrial Blvd.
Dalton, GA 30720
P – 706- 876-5604
universal-textile.net
dougiles@universal-textile.net

U.S. Ink

651 Garden St.
Carlstadt, NJ 07072
P – 201-935-8666
F – 201-933-3728
usink.com

Vantage Specialties, Inc.

3938 Porett Dr.
Gurnee, IL 60031
P – 847-244-3410
P – 847-249-6358
vantagegrp.com

Vertec BioSolvents, Inc.

1441 Branding Lane, Ste.100
Downers Grove, IL 60515
P – 630-960-0600
F – 630-960-0660
vertecbiosolvents.com
vertecbio@aol.com

Victory Ink Company, Inc.

119 Citation Ct.
Birmingham, AL 35209
P – 205-942-3871
F – 205-942-1540
maxtoolinc.com
sales@maxtoolinc.com

WCCO Belting, Inc.

1998 N. 9th St.
Wahpeton, ND 58075
P – 800-342-4887
info@wccobelt.com

W. F. Taylor

11545 Pacific Ave
Fontana, CA 92337
P – 800-397-4583
P – 951-360-6677
F – 951-360-1177
Customer Service Center –
Call-in orders – 866-818-7434
Fax orders – 951-360-3116
wftaylor.com
order@wftaylor.com

Welch Holme & Clark Co., Inc.

7 Avenue L
Newark, NJ 07105
P – 973-465-1200
F – 973-465-7332
welch-holme-clark.com
whc@welch-holme-clark.com

Werner Smith, Inc.

1730 Train Avenue
Cleveland OH 44113-4289
P – 216.861.3676
wernersmithinc.com

West Central Soy

406 1st. St.
Ralston, IA 51549
P – 712-667-3334
soypower.net
alice.heun@landuscooperative.com

WFI Global Urethane Solutions

4118 Robertson Rd.
Madison, WI 53714
P – 618-558-9888
wfi-global.com

Wikoff Color Corporation

1886 Merritt Rd.
Fort Mill, SC 29715
P – 803-548-2210
F – 803-548-5728
wikoff.com
don.duncan@wikoff.com

Workcell Systems, Inc.

P.O. Box 1645
Highland Park, IL 60035
P – 847-579-0595
F – 847-579-0517
workcellsystems.com
rsoble@workcellsystems.com

World Energy Alternatives

185 Devonshire St.
Boston, MA 02110
P – 617-889-7300
F – 617-887-2411
worldenergy.net
geneg@worldenergy.net

Zep Superior Solutions

1310 Seaboard Industrial Dr.
Atlanta, GA 30318
P – 404-352-1680
zep.com

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The United Soybean Board (USB) is committed to supporting innovative soy-based research for new product development.

THINK RESOURCEFUL.

Since 2000, world production of soybeans has increased by more than 40 percent, or more than twice the rate of population growth.

THINK RELIABLE.

The molecular structure of soybean oil can be readily modified in many applications as a replacement for petrochemicals, and delivers performance that meets or exceeds industry standards.

THINK RESPONSIBLE.

Life cycle assessment studies show environmental benefits including lower carbon dioxide emissions, and less energy production costs.

For more information or updated submissions to the Soy Products Guide, visit www.SoyNewUses.org.

