

Product Information Sheet



Description

SoyGreen® Power Degreaser is a unique soy-based emulsion that offers the cleaning performance and safety of a soy based degreaser, but the cost effectiveness of a water based cleaner. This formulation successfully mixes oil (soy) and water into a stable white emulsion ideal for degreasing all types of surfaces. The formulation also is designed to remove paint overspray, magic marker, scuff marks, and more. **SoyGreen® Power Degreaser** is low VOC*, safer than any product on the market today, non-flammable, bio-based, biodegradable, and contains no petrochemical raw materials. For a more aggressive formulation, including parts washing, try Soy Green® SG5000.

Directions

Dilution: **SoyGreen® Power Degreaser** is formulated as a powerful ready-to-use (RTU), and can be further diluted for many applications.

Dwell Times: Product is most effective with a slight dwell time of 2-3 minutes. For heavy-duty degreasing and paint removal, longer dwell times of 5-8 minutes are recommended.

Cautions: May cause damage to some plastics undiluted. Test all sprayers, brushes, scrapers, and surfaces to be treated for compatibility.

Cleanup: **SoyGreen® Power Degreaser** is water miscible and easily cleaned with water.

Product Options

SoyGreen® Power Degreaser is packed in 32 oz. RTU bottles (12 per case), and Concentrates in 5-gallon pails and 55-gallon drums. Concentrates are diluted 1:2 for same dilution as RTU. Totes and bulk available upon special request. For manufacturers only, super-concentrates also available in pails, drums, and bulk.

SoyGreen® Power Degreaser Wipes are packed in industrial strength reusable canisters, each canister has (70) 120 sq. inch towels, with 4 canisters per case.

Safety Data

Caution: Eye Irritant. Avoid contact with eyes.

First Aid: Eyes: Flush with water for 15 minutes. If irritation continues, call a physician.

Skin: Wash off with soap and water. **Ingestion:** Seek medical attention. **Inhalation:** Remove to fresh air.

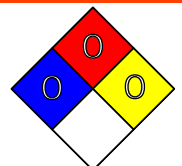
See individual product MSDS for detailed safety precautions.

KEEP OUT OF REACH OF CHILDREN.

Technical Data

Type: (Water Based) Emulsion
Appearance: White Emulsion
Scent: Mild
pH: 5.0 - 6.0

Flash Point: >200°F
High Shear Viscosity: 300 - 800 cps
Low Shear Viscosity: 1,200 - 2,000 cps
Specific Gravity @ 25°C: 0.993
VOC Percentage: < 1%



*VOC Compliant

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MATERIAL SAFETY DATA SHEET

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Section I — Identification

Product Names: SoyGreen® Power Degreaser
SoyGreen® Power Degreaser Wipes
Chemical Name: Soy-Based Mixture
Chemical Family: Trade Secret
Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	0	Health:	0
Flammability:	0	Flammability:	0
Physical Hazard:	0	Reactivity:	0
PPE:	A	Special Hazard:	None

Section II — Composition Information on Ingredients

Trade Secret - Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.1200 (i) (iv)

Section III — Hazards Identification

Health Hazards (Acute and Chronic):

Acute: May cause eye irritation. May cause abdominal discomfort, nausea, and diarrhea if swallowed.
Chronic: No known adverse effects.

Medical Conditions Generally Aggravated by Exposure: None known

Section IV — First Aid Measures

Inhalation: Remove to fresh air.
Skin: Wash thoroughly with soap and water. Remove soiled clothing and wash before reuse.
Ingestion: Get medical attention.
Eyes: DO NOT RUB EYES. Immediately flush thoroughly with plenty of water. Get medical attention. If discomfort or symptoms develop, get medical attention.

Section V — Fire and Explosion Hazard Data

Flash Point: > 200°F
Flammable Limits: Not determined
Extinguishing Media: Water spray, dry chemical, foam and CO₂.
Fire Fighting Procedures: Treat as oil fire. Use water spray to cool fire-exposed containers.
Fire and Explosion Hazards: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions can lead to spontaneous combustion

Section VI — Accidental Release Measures

Avoid uncontrolled releases of this material into the environment. Contain spilled material. Where necessary, collect using absorbent media. Transfer to secure labelled containers.

Section VII — Precautions for Safe Handling and Use.

Precautions to be taken in handling and storing:

Store upright in a cool, dry well ventilated area, in tightly closed containers away from combustible materials, material used in combination with any other materials or in any other applications. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated.

Section VIII — Exposure Controls/Personal Protection Ventilation/ Engineering Controls:

Adequate general ventilation.

Respiratory protection:

None required where adequate ventilation conditions exist

Eye protection:

Chemical splash goggles recommended.

Skin protection: Other protective clothing or equipment:

None required.
Wear suitable clothing to avoid prolonged skin contact.

Work/Hygienic practices:

Do not smoke in areas of storage or use. Avoid contact with eyes.
Wash with soap and water immediately after handling.

Section IX - Physical and Chemical Characteristics

Boiling Point: Not determined
Vapor Pressure (mm Hg.): Not determined
Vapor Density (Air = 1) : Not determined
Solubility in Water: Partially soluble
Specific Gravity (H₂O = 1): 0.993
pH: 5.0 - 6.0
Viscosity (high sheer): 400 - 800 cps
Appearance: White liquid
Odor: Mild

Section X — Stability and Reactivity

Stability: Stable.
Conditions to Avoid: Excessive heat or open flame.
Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids.
Hazardous Decomposition Byproducts: CO and CO₂ may be produced.
Hazardous Polymerization: Will not occur.

Section XI — Toxicological Information

Eye irritant. This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as a probable or suspected human carcinogens.

Section XII — Ecological Information

Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

Section XIII — Disposal Considerations.

Disposal of all product and used clean up materials must be in accordance with all applicable federal, state and local regulations.

Section XIV — Transport Information

Not regulated.

Section XV — Regulatory Information

U.S. FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components are included in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class(es):
Eye Irritant.

STATE REGULATIONS:

Consult the regulations of the given state.

INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country.

Section XVI — Other Information

MSDS is reliable to the best of the company's knowledge. For detailed MSDS, contact company at 859-881-1200 or download at www.soytek.com