

Product Information Sheet



Description

SoyGreen® Stainless Steel Cleaners is an innovative soy-based family of products that cleans, degreases, and polishes stainless steel and other hard surfaces. Available in oil and water based formulations, this line of products offer an unmatched cleaner and polish for a unique all-in-one product, a cost efficient cleaner for everyday use, and a host of packaging options including refills and bulk. The formulations contain no petrochemicals, carry a mild natural odor, and are environmentally safe by **any** definition including recognition by the EPA's Design for the Environment (DfE) Program, USDA Biopreferred Program*, and VOC Compliance.

Directions

Use On: Stainless steel, aluminum, copper, brass, carbon steel and all other surfaces not harmed by solvents.
Dilution: Oil based product is RTU; water based product is RTU and can be further diluted per mixing instructions.
Application: Apply a light coat directly to a towel or clean cotton cloth and wipe surface. Use sparingly. Polish and remove any excess with a clean dry cloth. For heavy soils, spray and saturate surface. Allow a few minutes dwell time then wash or wipe soil away. Repeat as necessary.
Caution: Do not use on plastics - will haze or damage many plastics. Do not use to clean painted surfaces such as elevator buttons or grill logos - may remove paint with repeated usage. If in doubt test on an inconspicuous area.

Product Options

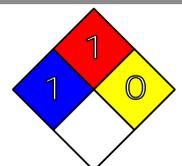
SoyGreen® Stainless Steel Cleaner is 100% solvent and contains no water. Product is ready-to-use for most applications, or can be diluted per directions with water for water based soils. Available in 22oz. trigger spray bottles (6 per case), gallon refills (4 per case), 5 gallon pails, and 55 gallon drums.
SoyGreen® Spray 'n Shine is the water based version of this chemistry and is RTU or can be further diluted. These formulations offer the same fingerprint resistant finish, and are designed for water based soils ('like cleans like') and everyday use. Available in 22 oz. trigger spray bottles (6 per case), and Concentrates (dilute 1:3 for Spray n Shine, or up to 1:9 dilution for effective cleaner) in 5 gallon pails, 55 gallon drums, and bulk.
SoyGreen® Wipe 'n Shine is the water based formulation, packed in industrial strength canisters - each canister has (70) 120 sq. inch towels, with 4 canisters per case.

Safety Data

Caution: Eye Irritant. Avoid contact with eyes. As with all solvents always use suitable safety glasses and gloves.
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:	Solvent/Emulsion	Flash Point:	>240°F (116°C)
Appearance:	Clear to Light Yellow (Solvent) White Emulsion (Water Based)	Boiling Point:	>483°F (251°C)
Scent:	Mild	Melting Point:	30°F
pH @ 1% Solution:	5.0 - 7.0	Specific Gravity:	0.909-0.973
		VOC Percentage:	.5%-3.42%



* Product exceeds biobased content requirements and recognized by USDA Bio-Preferred Program in 2010; currently in process of review with new program as of 3/11.

Soy Technologies, LLC

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Made in the USA
Rev 04.01.11

MATERIAL SAFETY DATA SHEET

Issued: 4/01/11 Revised: 1/04/13

Soy Technologies, LLC

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Section I — Identification

Product Names: SoyGreen® Stainless Steel Cleaner
Chemical Name: Soy-Based Mixture
Chemical Family: Trade Secret
Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	1	Health:	1
Flammability:	1	Flammability:	1
Physical Hazard:	0	Reactivity:	0
PPE:	B	Special Hazard:	None

Section II — 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 III — 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 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-Fighting Measures

Flash Point (Method Used): >240°F (116°C)
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 — Handling and Storage

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 exists.

Eye protection:

Chemical splash goggles recommended.

Skin protection:

Impervious gloves recommended.

Other protective clothing or equipment:

Wear suitable clothing to avoid 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:	>483°F (251°C)
Solubility in Water:	Partially soluble
Specific Gravity (H ₂ O = 1):	0.900
pH @ 1% solution:	5.0 - 7.0
VOC - Method 310:	3.42% (Manf before 12-31-12) 2.87% (Manf. after 12-31-12)
Melting Point:	30°F
Evaporation Rate (But Ac = 1):	Not determined
Appearance:	Clear to light yellow 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 CO ₂ 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 — Transportation 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

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Section I — Identification

Product Names: SoyGreen® Spray n Shine Stainless Steel Cleaner
SoyGreen® Wipe n Shine Stainless Steel Cleaner
Chemical Name: Soy-Based Mixture
Chemical Family: Trade Secret
Chemical Formula: Trade Secret

HMIS:		NFPA:	
Health:	1	Health:	1
Flammability:	0	Flammability:	0
Physical Hazard:	0	Reactivity:	0
PPE:	A	Special Hazard:	None

Section II — 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 III — 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 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-Fighting Measures

Flash Point: n/a (none to boiling point)
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

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Section VII — Handling and Storage

Precautions to be taken in handling and storing:

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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 for normal use. 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
Solubility in Water:	Emulsible
Specific Gravity (H ₂ O = 1):	0.986
pH:	5.0 - 7.0
VOC - Method 310	3.96% (Concentrate) .9% (Diluted)
Appearance:	White liquid
Odor:	Mild

Section X — Stability and Reactivity

Stability:	Stable (One Year Shelf Life).
Conditions to Avoid:	Excessive heat or open flame.
Incompatibility (Materials to Avoid):	Strong oxidizing agents. Acids.
Hazardous Decomposition Byproducts:	CO and CO ₂ 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.

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Section XIV — Transportation Information

Not regulated.

Section XV — Regulatory Information

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INTERNATIONAL REGULATIONS:

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