

Product Information Sheet



Description

SoyGreen® Stainless Steel Cleaners are a revolutionary new soy-based family of products that cleans, degreases, and polishes stainless steel and other hard surfaces. Available in solvent and water based formulations, these products are environmentally safe by any definition, yet are high performance cost effective industrial cleaners. **SoyGreen® Stainless Steel Cleaner** is low VOC*, safer than any product on the market today, non-flammable, biobased, biodegradable, contains no petrochemicals, and is recognized by the EPA as an environmentally responsible product.

Directions

Dilution: Ready to use or, for solvent products, dilute with up to 4 parts water (must shake before use).
Use On: Stainless steel, aluminum, copper, brass, carbon steel and all other surfaces not harmed by solvents.
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: If used to preclean food preparation surfaces a potable water rinse is required to remove any product residue. Do not use on plastics - will haze or damage many plastics. If in doubt, test on an inconspicuous area.

Product Options

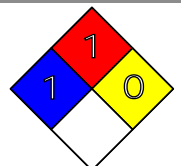
SoyGreen® Stainless Steel Cleaner is 100% solvent and contains no water. Product is ready-to-use for most applications, or can be diluted with up to 4 parts of water for water-based soils. Available in 22oz. trigger spray bottles (6 per case), gallon refills (4 per case), 5 gallon pails, and 55 gallon drums. Also available in aerosols.
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 (1:1 dilution for RTU) in 5 gallon pails, 55 gallon drums, an bulk. Also available in super concentrates for manufacturers only.
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:	>200°F
Appearance:	Clear to Light Yellow (Solvent) White Emulsion (Water Based)	Boiling Point:	Not Determined
Scent:	Mild	Melting Point:	30°F
pH @ 1% Solution:	4.8-5.2	Specific Gravity:	0.909-0.973
		VOC Percentage:	.5%-3.42%



*VOC Compliant

Soy Technologies, LLC

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MATERIAL SAFETY DATA SHEET

Issued: 04/02/07

Soy Technologies, LLC

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Section I — Identification

Product Names: SoyGreen® Spray n Shine Stainless Steel Cleaner
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 (H ₂ O = 1):	0.982
pH:	5.0 - 6.0
Viscosity (high sheer):	600 - 900 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 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 — 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

MATERIAL SAFETY DATA SHEET

Issued: 03/24/06 Revised 10-01-07

Soy Technologies, LLC

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Section I — Identification

Product Name: SoyGreen® Wipe 'n Shine Wipes
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 — Composition Information on Ingredient

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. If discomfort or symptoms develop, get medical attention.

Section V — Fire and Explosion Hazard Data

Flash Point (Method Used): > 237°F- Open Cup
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 spontaneous combustion. This product contains antioxidants to retard oxidation.

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: Impervious gloves recommended.

Other protective clothing or equipment: Work/Hygienic practices:

Wear suitable clothing to avoid skin contact.
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: > 600°F
Vapor Pressure (mm Hg.): Not determined
Vapor Density (Air = 1): Not determined
Solubility in Water: Partially soluble
Specific Gravity (H₂O = 1): 0.985
Melting Point: 30°F
Evaporation Rate (But Ac =1): Not determined
pH: 5.0 - 6.0
Appearance: Towels.
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:

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): Graffiti Remover-Unpainted Surfaces (only) contains one or more chemicals known to cause reproductive toxicity.
Consult the regulations of the given state.

INTERNATIONAL REGULATIONS:

Consult the regulations of the importing country.

Section XVI — Other Information

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MATERIAL SAFETY DATA SHEET

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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 — 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 (Method Used): > 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

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Ventilation/Engineering Controls: Adequate general ventilation.
Respiratory protection: None required where adequate ventilation conditions exist
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: >600°F
Vapor Pressure (mm Hg.): Not determined
Vapor Density (Air = 1) Not determined
Solubility in Water: Partially soluble
Specific Gravity (H₂O = 1): .909
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 CO₂ may be produced.
Hazardous Polymerization: Will not occur.

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Section XV — Regulatory Information

U.S. FEDERAL REGULATIONS:

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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

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