

MATERIAL SAFETY DATA SHEET

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Section I — Identification

Product Names: SoyGreen® Stainless Steel Aerosol

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)
Propellant - Carbon Dioxide; 124-38-9
- PEL 5000 ppm TWA; TLV 5000 ppm TWA; STEL 30000 ppm

Section III — Hazard 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): Not determined.
Flammable Limits: Not determined
Extinguishing Media: Alcohol foam, CO₂, dry chemical, foam or water fog.

Fire Fighting Procedures:

Water may be used; cool closed containers to prevent pressure build up and possible autoignition. Wear full face positive pressure self contained breathing apparatus (SCBA) when fighting fire.

Fire and Explosion Hazards:

Vapors of this product may develop a flammable atmosphere in confined areas. Burning can produce carbon monoxide and/or carbon dioxide and traces of phosgene gas. Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers.

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 labeled containers.

Section VII — Precautions for Safe Handling and Storage.

Keep containers tightly closed. Isolate from heat, sparks and open flames. Closed containers may explode when exposed to extreme heat. Storage requirements - do not store in direct sunlight, near open flames/sparks or at temperatures exceeding 120°F

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:

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): .910-0.963
Melting Point: 30°F
Evaporation Rate: Slower Than Ether
Appearance: Aerosol Spray.
Odor: Mild

Section X — Stability and Reactivity

Stability: Stable under normal conditions.
Conditions to Avoid: Excessive heat or open flame.
Incompatibility (Materials to Avoid): Strong oxidizing agents. Acids.
Hazardous Decomposition: Burning can produce carbon monoxide and/or carbon dioxide and traces of phosgene gas.
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.

Empty aerosol containers may be disposed of through normal channels. Full or partially full containers are considered hazardous waste and must be disposed of accordingly.

Section XIV — Transport Information

Consumer Commodity; hazard class ORM-D.

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