

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: SoyGreen® Spray n Shine Revision Date: 01.04.13
SoyGreen® 1000E Emulsion (Concentrate)
Chemical Name: Soy-Based Mixture Supersedes Date: 04.01.11

2. HAZARDS IDENTIFICATION

Acute Hazards:

Eyes: May cause eye irritation.

Ingestion: May cause abdominal discomfort, nausea and diarrhea.

Chronic Hazards: None known.

Medical conditions generally aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are trade secret as authorized by 29 CFR 1910.1200(i)(1). Specific information will be made available to health-care professionals, employees or representatives as required by 29 CFR 1910.1200(i)(1)(iv) for medical evaluation of treatment.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air.

Ingestion: Seek medical attention.

Eyes: DO NOT RUB EYES. Rinse immediately with fresh water for at least 15 minutes. If discomfort or symptoms develop, seek medical attention.

Skin: Wash thoroughly with soap and water. Remove soaked clothing and wash before re-use.

5. FIRE-FIGHTING MEASURES

Flash Point:

Concentrate (SG 1000E): > 220°F (104°C)

RTU: n/a (none to boiling point)

LFL: Not Determined UFL: Not Determined

Extinguishing Media: Water spray, dry chemical, foam CO2

Fire and explosion hazards: Rags soaked with product may present a fire or spontaneous combustion hazard.

Fire-fighting procedures: Handle as oil fire. Do not use solid stream on burning liquid pools. Use water spray to cool fire-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Contain spilled materials. Collect with absorbent if necessary. Avoid uncontrolled release into the environment. Place spilled materials in leak proof, labeled containers.

7. HANDLING AND STORAGE

Store upright in closed containers in a dry, cool, well ventilated location. Store away from combustible materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Adequate general ventilation.

Respiratory Protection: Not required if adequate ventilation exists.

Eye Protection: Chemical splash goggles recommended.

Skin Protection: None required; avoid prolonged skin contact

Work/Hygiene Practices: Do not smoke in areas of use or storage. Wash with soap and water immediately handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Undiluted - Slight Yellow Liquid Diluted – Creamy White Emulsion
Type:	Macro Emulsion
Odor:	Mild
Boiling Point:	Not Tested
Flash Point:	
Concentrate:	> 220°F (104°C) (SG1000E)
RTU:	n/a (none to boiling point)
Viscosity (Concentrate):	10 cps (Concentrate); 100 – 300 cps (RTU)
Solubility:	Emulsible
Specific Gravity	
(Concentrate)	0.904
(RTU)	0.990

pH @ 1% solution: 7.0 – 9.0 (Concentrate)
5.0 – 7.0 (RTU)
VOC – Method 310: .88% (RTU)

10. STABILITY & REACTIVITY

Stability (Concentrate): Stable (Shelf Life > 2 Years)
Stability (Diluted): Partially Stable (Shelf Life – 12 months)
Hazardous Polymerization: Will not occur.
Conditions to avoid: Excessive heat or open flame.
Incompatibility: Acids; strong oxidizers.
Hazardous Decomposition Products: CO, CO₂ may be evolved.

11. TOXICOLOGICAL INFORMATION

Information provided by components only; finished product has not been evaluated. Soy Technologies does not test on animals.

Acute oral LD₅₀ greater than 17.2 g/kg (rat)
Eye irritation: Rabbit – Application of undiluted material produced mild, transient irritation.

Skin irritation: Human – A 24 hour human skin patch test indicated that undiluted material produced very mild irritation. Irritancy was less than that produced by a 4% aqueous soap solution.

Carcinogenicity: IARC – No, ACGIH – No, NTP – No

Mutagenicity: Negative (NTP)

12. ECOLOGICAL INFORMATION

Information provided by components only; finished product has not been evaluated. Soy Technologies does not test on animals.

The 96 hour LC₅₀ for Bluegills was greater than 1000 mg/L.

Does not show any microbial inhibition up to 10,000 mg/L.

13. DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed disposal company. Contaminated absorbent may be disposed of in an approved landfill. However, it is the responsibility of the user to ensure that state and local waste disposal regulations are adhered to.

14. TRANSPORTATION INFORMATION

IATA – Non-hazardous
DOT Proper Shipping Name: Not Listed
IMDG Classification: None
Dangerous Goods (Canada): Not listed

15. REGULATORY INFORMATION

Chemical Inventories – In compliance denotes all components are on inventory or exempt.

U. S. (TSCA)	In Compliance	Canada (CEPA):	Listed on DSL.
Europe (EINECS):	Listed on EINECS	Japan (ENCS):	Listed on MITI
Australia (NOHSC):	In Compliance	Korea:	In Compliance
China:	In Compliance	Philippines:	In Compliance

Other Regulatory Information:

Not listed under CERCLA/SARA 303, 304 or 313. No adverse environmental effects known or suspected. Under provisions of Title III, Section 311/312 of the superfund Amendments and Reauthorizations Act, this product is not classified in any hazard categories.

RCRA Status: This product does not contain any components that that are hazardous wastes by either listing or characteristic.

OSHA Hazard Communication standard (29 CFR 1910.1200) hazard class – eye irritant.
Decomposition products from combustion, CO and CO2 may be hazardous.

California Proposition 65: This product contains no chemicals known to the State of California to cause cancer.

16. OTHER INFORMATION

Concentrate:

HMIS Label: Health - 1; Flammability - 1, Reactivity – 0, Personal Protection – A
NFPA 704: Health 1, Flammability 1, Reactivity – 0, Special Hazard - None

After Dilution:

HMIS Label: Health - 1; Flammability - 0, Reactivity – 0, Personal Protection – A
NFPA 704: Health 1, Flammability 0, Reactivity – 0, Special Hazard - None

Manufacturer Disclaimer

This information was last updated on January 4, 2013. Although every attempt has been made to ensure accurate information, Soy Technologies takes no responsibility for the accuracy, use or misuse of this data. A safety professional should be consulted if there is a concern about the use of this product.