

Offer Packet

Product	Sterol Glucosides
COA & SDS	Included below

If interested, please call or email:

Steve Rundell

Solvent Systems International

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Elk Grove Village, IL 60007

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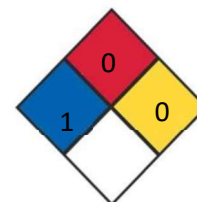
www.solvent-systems.com

SAFETY DATA SHEET

Revision date: 1/21/2021

1. CHEMICAL PRODUCT & COMPANY INFORMATION

General Product Name: **Sterol Glucosides**
Synonyms: Cloudy Biodiesel
Product Description: Sterols glucosides from seed oil
CAS Number: NA
Manufacturer: Solvent Systems International
70 King Street, Elk Grove Village, IL
Emergency Contact Number: 847/437-1100



2. COMPOSITION/INFORMATION

INGREDIENTS:	CAS Number	Volume %
Sterol Glucosides	83-46-5	>70%
Methyl Esters	67762-38-3	<30%
Water	7732-18-5	<0.2%

3. HAZARDS IDENTIFICATION

NFPA/HMIS Ratings: Health-1 Flammability-0 Reactivity-0

4. FIRST AID MEASURES

INHALATION: Remove from area of exposure; seek medical attention if symptoms persist.

EYES: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

SKIN: Wash exposed areas of the body with soap and water.

INGESTION: Not expected under normal industrial exposure. If ingested, give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

5. FIRE FIGHTING MEASURES

Flash Point (Method Used) : >329°F Flammability Limits: None known

EXTINGUISHING MEDIA: Dry chemical, foam, halon, CO₂, water spray (fog).

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool drums exposed to fire.

UNUSAL FIRE AND EXPLOSION HAZARDS: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

6. ACCIDENTAL RELEASE MEASURES CLEAN-UP PROCEDURES

Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand, or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

Environmental precautions: Do not let product enter drains.

7. HANDLING AND STORAGE

Store in closed containers between 50°F and 120°F.

Store and use in well ventilated areas.

Do not store or use near heat, spark, or flame, store out of sun.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Use general ventilation, local exhaust suggested in enclosed or confined spaces. If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.

PROTECTIVE CLOTHING:

Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES:

Employees must practice good personal hygiene, washing exposed areas of in several times daily and laundering contaminated clothing before re-use.

EXPOSURE LIMITS:

This product contains no substances with occupational exposure limit values.

ACGIH PEL or TLV: None Listed

OSHA PEL or TLV: None Listed

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760 mm Hg: >200°C

Specific Gravity (H₂O =1): <1.0

Solubility in H₂O, % by Volume: insoluble

Vapor Pressure, mm Hg: <0.1

Evaporation Rate, Butyl Acetate =1: NA

Vapor Density, Air =1: NA

pH: 5.5-7.0

Appearance and Odor: white/yellow precipitate suspended in pale yellow liquid, mild odor

10. STABILITY AND REACTIVITY

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state, and federal disposal regulations.

GENERAL:

This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide along with thick smoke.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY: Not listed as carcinogenic according to IARC, NTP, ACGIH or OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No data available on finished product.

13. DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state, and federal disposal regulations.

14. TRANSPORT INFORMATION

UN HAZARD CLASS: N/A

NMFC (National Motor Freight Classification):

PROPER SHIPPING NAME: Sterol Glucosides

IDENTIFICATION NUMBER: 144920

SHIPPING CLASSIFICATION: 65

15. REGULATORY INFORMATION:

OSHA STATUS:

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Sections 2 and 3.

TSCA STATUS:

This product is listed on TSCA.

CERCLA (Comprehensive Response Compensation and Liability Act): NOT reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act): Section 312 Extremely Hazardous Substances: None.

Section 311/312 Hazard Categories: Non-hazardous.

Section 313 Toxic Chemicals: None.

RCRA STATUS:

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste, (40 CFR 261.20-24).

CALIFORNIA PROPOSITION 65:

The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product contains no chemicals known to the state of California to cause cancer.

16. OTHER INFORMATION:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.