



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: STD 1000
Product Number: 4007, 5023

Application: Enzymes and Bacteria for Sewage Digestion
UN-Number: N/A

Manufacturer Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153
Web: SUNRISENV.COM

Emergency Phone No.
Chemtrec: 1-800-424-9300

Pages: 3

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING

Hazard Statement: Cause serious eye irritation. May be harmful if swallowed

Potential Health Effects:

Inhalation: Excessive inhalation of vapors can be harmful.

Skin Contact: Wash with soap and water.

Ingestion: May be harmful if swallowed. Do not induce vomiting, see a physician.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Bacterial Mix	N/A	N/A	N/A	N/A	N/A
Nonylphenol polyethylene Glycol Ether	127087-87-0	N/A	N/A	N/A	N/A

Comments: Enzymes, Lipase. Bacteria are non-infectious to human. Activator and carrier-dispersant-Proprietary.

4. FIRST AID MEASURES

Inhalation: Excessive inhalation of vapors can be harmful, move to fresh air.

Skin Contact: Wash it with water and soap.

Ingestion: Do not induce vomiting, drink a large quantity of water and seek medical care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: Not flammable.

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Flammable Limits: Propane

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: N/A

Hazardous Combustion Product: Carbon Monoxide.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment with full face piece operated in the positive pressure mode.

NFPA Rating: (Flammability 0) (Health 0) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid spraying product into eyes.

Environmental Precautions: Avoid spraying product near ignition source.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. By utilizing personal protective equipment (PPE). Isolate spill and Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

Additional Information: Follow local and federal regulations with regard to chemical spills.

7. HANDLING AND STORAGE

Handling Procedure: Avoid direct contact with eyes.

Storage Procedures: Avoid hot storage under 32°F and away from reactive chemicals.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

Engineering Measures: N/A

Personal Protective Equipment (PPE): Do not spray directly into eyes. Using gloves, apron and boots are optional.

Hygiene Recommendations: Avoid using product near ignition source. Avoid prolonged skin contact. Use gloves or wash up after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown

Physical State: Crumbly powder

Vapor Pressure: N/A

Boiling Point: N/A

Solubility (H2O): Soluble in water

Freezing Point: N/D

Odor: Fragrant aroma

pH: N/D

Density: N/D

Evaporation Rate: N/D

Vapor Density: N/A

Melting Point: N/D

Specific Gravity: 1.02

VOC: 10.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Hot storage.

Incompatibility: N/A

Hazardous Decomposition: When heated to decomposition, emits Carbon monoxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, skin and/or ingestion.

Acute Toxicity Data: Possible skin irritation/dermatitis in sensitive individuals. May be harmful if swallowed.

NTP: No

IARC Monographs: No

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: None

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/A

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for this material.

14. TRANSPORTATION INFORMATION

US DOT Information: SEWER COMPOUND CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: STD 1000

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Irritant

Hazard Symbol: Exclamation Point



US Federal Regulations:

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is an irritant. Harmful if ingested.

SARA Title III-This product does not contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313.

State Regulations:

California Prop. 65-This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 03/20/2014

Revision Date: 04/02/2015

Contact Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153
Web: SUNRISENV.COM

This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subjected to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein and neither the provider nor the manufacturer are liable to any party for any damages or nature. Including direct, special or consequential damages arising out of or in connection with accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions. The recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.