

Material Safety Data Sheet

1. Product Identification

Product Name: Eco-Flo Liquid enzymatic Drain Cleaner
General Use: Organic waste digestion and odor control
Manufactured by: Thrift Marketing, Inc.
PO Box 2529
Shawnee Mission, KS 66201
(913) 236-7474
Emergency: INFOTRAC: (800) 535-5350
Revision date: October 22, 2014

2. Hazards Identification

Emergency Overview (OSHA Hazards): WARNING! May cause eye irritation.

Hazard Classification (categories in parentheses): Possible eye irritant (2B).

HMIS Rating:

Health 1
Flammability 0
Reactivity 0



WARNING!

Personal protection ration to be supplied by user depending on use conditions.

Hazard Statements: H320 May cause eye irritation

Precautionary Statements: P262 Do not get in eyes, on skin, or on clothing
P280 Wear protective gloves/protective clothing/eye protection/face protection as needed
P301 + P311 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/physician. Rinse mouth.
P302 + P352 + P363 + P333 + P313 IF ON SKIN: Wash with soap and water. Wash contaminated clothing before reuse. If skin irritation or a rash occurs: Get medical advice/attention.
P304 + P341 + P342 + P322 + P313 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Administer oxygen and get medical advice/attention.
P305 + P351 + P338 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention.

NOTE—Information provided in this MSDS represents characteristics and physical data of the material as supplied.

3. Composition

Chemical Family: Natural, non-pathogenic enzyme

Ingredient Wt % CAS Number OSHA PEL ACGIH TLV NIOSH REL NIOSH IDLH
No hazardous components

4. First Aid

Inhalation: Immediately remove individual to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Get medical advice or attention.

Skin Contact: Immediately flush skin with running water. Remove contaminated clothing and foot wear. Wash contaminated clothing before reuse. Seek medical attention if a rash or irritation develops or persists.

Eye Contact: Immediately flush eyes with plenty of cool, clean water. Keep eyelids apart to maintain maximum contact with water. Do not allow the individual to rub their eyes. Get medical advice or attention.

Ingestion: If individual is conscious and able to swallow, have the victim drink water to dilute. Do not give anything by mouth if individual is unconscious or is having convulsions. Seek medical attention.

5. Fire and Explosion Data

Flash Point: > 212 Fahrenheit – Closed Cup

Extinguishing Media: Foam, dry chemical or carbon dioxide. Do not flush into a storm drain or public sewer.

Special Procedures: Use self-contained breathing apparatus (SCBA) and proper personal protection clothing.

Unusual Hazards: During a fire, vapors can be released that might contain oxides of carbon and nitrogen, and firefighters should attack and contain fire and any fumes accordingly.

6. Accidental Release Procedures

Spills or Leaks: Use proper personal protective equipment (PPE). Put collected material into suitable containers for disposal. Close or cap containers and/or block or plug hole in leaking container and transfer to another container. Use appropriate containment to avoid runoff or release to sewer or waterways.

Recovered solids or liquids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility. Consult Federal, state or local disposal authorities for approved procedures. Any disposal must be in compliance with Federal, state, or local regulations.

7. Handling and Storage

Precautions: The material is safe to store in well-ventilated areas at ambient temperatures of between 35 and 110 degrees F. Keep containers closed when not in use to prevent losses and possible contamination.

Other: An eye wash is recommended in the immediate work area. Check with your State OSHA to determine the maximum distance for stations to be placed in regards to possible chemical exposure. Protect from freezing.

8. Employee Protection and Control Measures

NOTE—No exposure standard exists.

Respiratory Protection: Not normally required. In situations where a risk of substantial inhalation occurs, such as where product is being misted, a respirator

or air delivery system in accordance with 29 CFR 1910.134 (OSHA), 42 CFR 84 (NIOSH), and any other applicable regulations may be recommended.

Ventilation: Normal ventilation has been found to be generally adequate. The end user must determine if the process or methods involved with the use of this material requires any additional ventilation.

Eye Protection: Safety glasses with side shields or splash proof chemical goggles should be used when working with product, especially where splashing may occur. Appropriate eye protection must be worn instead of, or in conjunction with, contact lenses.

Skin Protection: As is a good practice with all materials, chemical resistant gloves, including rubber, butyl, or neoprene, should be worn when working with the product to help avoid skin contact.

Other: Not generally required under normal working conditions. The end user must determine if the process or methods involved required other personal protection clothing and/or equipment.

Work/Hygienic Practices: Do not consume food, drink, or smoke in areas where chemicals are being stored or handled. After working with chemicals wash hands thoroughly before handling food or beverages. Segregate and launder contaminated clothing before reuse.

9. Physical and Chemical Properties

Appearance: Brown to tan, free-flowing powder

Odor: Yeast-like

pH: 7 – 8

Vapor Density: Heavier than air

Boiling Point: 212° F

Water Solubility: Miscible

Relative Density: 1.006 typical

Evaporation Rate: Less than water

Percent Volatiles: N/D

Flash Point: > 212 Fahrenheit – Closed Cup

10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Excessive temperature fluctuations below 32° or above 110° F.

Incompatibility: Avoid contact with strong acids, alkalis, and reducing agents.

Hazardous Decomposition: Oxides of carbon and nitrogen

Polymerization: Will not occur

11. Toxicological Information

Acute Toxicity Data: May be irritating to eyes.

Irritant Data: May be irritating to eyes.

Primary Routes of Exposure (Acute):

Eye and Skin Exposure: May be irritating to eyes.

Inhalation: No long term effects are expected.

Ingestion: No long term effects are expected.

Primary Routes of Exposure (Chronic):

The effects from chronic exposure to this product have not been fully evaluated, but none have been observed.

Carcinogenicity: None of the components present in this material are listed on the IARC, NTP, or OSHA carcinogen lists.

Safety Precautions: As with all chemicals, avoid contact with eyes, skin, and clothing; wash thoroughly after handling, especially before eating, drinking, or smoking.

12. Ecological Information

Contact your representative for assistance.

13. Disposal Considerations

Waste Disposal: All disposals of this material must be done in accordance with Federal, state and local regulations. Waste characterization and compliance with disposal regulations are the responsibilities of the waste generator.

14. Transportation Information

DOT Proper Shipping Name: Not regulated

DOT Reportable Quantity (RQ): Not regulated

15. Regulatory Information

EPCRA, Section 311: Health: Immediate Health (Possible irritant to eyes).

Toxic Substances Control Act (TSCA) Status: All ingredients in this product appear on either the public TSCA inventory or the confidential TSCA inventory.

16. Other Information

Last Revision: Not applicable

Current Revision: October 22, 2014

Revision summary: Update to harmonized format

Prepared By: Chemical Specialties, LLC

This information is related only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information, nor do we offer warranty against patent infringement.

End of MSDS