

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:



1. Identification

Product identifier used on the label:

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Pre Spot

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Chemical Manufacturer /
Importer / Distributor: ITW Evercoat
a division of Illinois Tool Works Inc.
1275 Round Table Drive
Dallas, TX 75247

Emergency phone number: CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Classification: Not classified as hazardous under GHS

GHS Hazard Statements: No hazard statements required

Hazards not otherwise classified: MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Diethylene glycol monobutyl ether	112-34-5	1 - 5

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Eye Contact: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. Flush eye with water for 20 minutes. Get medical attention. Seek medical advice if symptoms persist

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Wash affected area thoroughly with soap and water. Seek medical advice if symptoms persist

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. If inhaled, remove victim from exposure to a well-ventilated area. If breathing is difficult, give oxygen by trained personnel. If breathing is difficult, give oxygen. Seek immediate medical attention.

Ingestion: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. If swallowed, induce vomiting. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed:

Most important symptoms/effects (Acute): No data available

Most important symptoms/effects (Delayed): Eye contact may cause burns, irritation, tearing and corneal damage.
Ingestion may cause nausea and irritation.

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid. Water spray Alcohol foam Dry chemical Carbon dioxide

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Fire and/or Explosion Hazards: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. Material will not burn.

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods and materials for containment and cleaning up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. SMALL SPILL: Contain and collect with absorbent. LARGE SPILLS: Shut off leak if safe to do so. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

7. Handling and storage

Precautions for safe handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in a cool dry place. Isolate from incompatible materials. Keep

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

from freezing, STORAGE TEMPERATURE: 0°C (32°F) Minimum to 60°C (140°F) Maximum. Shelf life is one year.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents Acids Strong reducing agents

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
No data available	No data available	No data available	No data available

Appropriate engineering controls: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits.

Individual protection measures, such as personal protective equipment:

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Safety Glasses or goggles with splash guards or side shields.

Skin Protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use Nitrile/ Vinyl gloves

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. NIOSH respirator -(organic vapor) in absence of proper environmental control.

Other Protective Equipment: Safety Glasses or goggles with splash guards or side shields. Use Nitrile/ Vinyl gloves

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state): Liquid
Color: Green
Odor: Typical
Odor threshold: No data available
pH: 7-8

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	100
Flash Point (°C):	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper Flammable/Explosive Limit (%):	12.6
Lower Flammable/Explosive Limit (%):	2.6
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density:	1.02
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	1.41
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No data available
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination
Incompatible materials:	Strong oxidizing agents Acids Strong reducing agents
Hazardous decomposition products:	Carbon dioxide Carbon monoxide

11. Toxicological information

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin contact, Eye contact, Ingestion

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Gas, vapor, mist, or dust may be harmful if inhaled.

Inhalation Toxicity: Inhalation of high concentrations may result in central nervous system (CNS) effects such as dizziness, weakness, fatigue, nausea, headache, and lack of coordination.

Skin Contact: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Skin Absorption: No absorption hazard in normal industrial use. Causes skin irritation.

Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can cause irritation.

Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Irritating to mouth, throat, and stomach.

Ingestion Toxicity:

Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects. Possible birth defect hazard based on animal data.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available	N	N	N

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): This material is not expected to be harmful to the ecology.

Persistence and degradability: No data available All ingredients are considered biodegradable.

Bioaccumulative potential: No data

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Description of waste residues: Spent or discarded material is not expected to be a hazardous waste.

Safe Handling of Waste: Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

Waste treatment methods (including packaging): Dispose of in a landfill. Disposal is not likely to be regulated.

14. Transport information

UN number: No data available

UN proper shipping name: Not Regulated

Transport hazard class(es): No data available

Packing group: No data available

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 08-19-2016

Replaces:

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA Status: All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

Regulated Components

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
No data available		N	N	N	N

16. Other information, including date of preparation or last revision.

Revision Date: 08-19-2016

Revision Number: 9

Disclaimer: NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances