

Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830

Revision Date 17-09-2016

Revision Number 6



SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	25 ENZYME PRE-SPOT 1 GAL.
1.2 Relevant identified uses of the substance or mixture and uses advised against	Automotive detailing
1.3 Details of the supplier of the safety data sheet	ITW Evercoat a division of Illinois Tool Works Inc. 1275 Round Table Drive Dallas, TX 75247
1.4 Emergency telephone number	CHEM TEL: +1-813-248-0591

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classified in accordance to (EC) No. 1272/2008 Not classified as hazardous under GHS

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms	No hazard symbols required
Signal Word	Signal word not required
Hazard Statements	No hazard statements required
Precautionary Statements	No precautionary statements required
Supplemental Hazard information (EU)	No data available

2.3 Other hazards No data available

SECTION 3 Composition/information on ingredients

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3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	%	CAS #	(EC) No 1272/2008	M Factor	SCL
Diethylene glycol monobutyl ether	1 - 5	112-34-5	Eye Irrit. 2; H319	No data available	No data available

For full text of H-statements; See Section 16

SECTION 4 First aid measures

4.1 Description of first aid measures

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 breathing is difficult, give oxygen.
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. Seek medical advice if symptoms persist
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. No data available
Self protection of the first aider	No data available

4.2 Most important symptoms and effects, both acute and delayed

Symptom See Section 4.1

4.3 Indication of any immediate medical attention and special treatment needed

Note to Doctor No additional first aid information available

SECTION 5 Firefighting measures

5.1 Extinguishing media

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

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Unsuitable extinguishing media No data available

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

Fire Fighting Methods and Protection Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For Non-emergency Personnel Non-emergency personnel should be kept clear of the area.

For emergency responders 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.

6.2 Environmental precautions No data available

6.3 Methods and material 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. **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.

6.4 Reference to other sections Refer to section 13 for disposal information.

SECTION 7 Handling and storage

7.1 Precautions for safe handling Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. No special handling requirements

7.2 Conditions for safe storage, including any incompatibilities Store in a cool dry place. Isolate from incompatible materials. Keep from freezing,

7.3 Specific end use(s) Automotive detailing

SECTION 8 Exposure controls/personal protection

Occupational Exposure limit values

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Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH
No data available	No data available	No data available	No data available

8.2 Exposure controls

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.

Individual protection measures, such as personal protective equipment

Eye and face protection Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles and a Face shield

Skin Protection

Hand protection No information available

Other 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. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

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. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Thermal hazards No data available

Environmental exposure controls No data available

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Green
Odour	Mint
Odour Threshold	No data available
pH	7-8
Melting point / Freezing point (°C)	-60
Initial boiling point and boiling range (°C)	100

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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, % in air	12.6
Lower Flammable/Explosive Limit, % in air	2.6
Vapour Pressure	No data available
Vapour Density	No data available
Relative Density	1.02
Solubility(ies)	Complete; 100%
Partition coefficient: n-octanol/water	1.41
Autoignition Temperature (°C)	371
Decomposition Temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
9.2 Other information	No data available

SECTION 10 Stability and reactivity

10.1 Reactivity	No data available
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination
10.5 Incompatible materials	Strong oxidizing agents; Acids; Strong reducing agents
10.6 Hazardous decomposition products	Carbon dioxide Carbon monoxide

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

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Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12 Ecological information

12.1 Toxicity No data available

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

12.2 Persistence and degradability No data available

12.3 Bioaccumulative potential No data All ingredients are considered biodegradable.

12.4 Mobility in soil No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects No data available

12.7 Additional information No data available

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SECTION 13 Disposal considerations

13.1 Waste treatment methods

Waste Description for Spent Product	Spent or discarded material is not expected to be a hazardous waste.
Disposal Methods	Dispose of in a landfill. Disposal is not likely to be regulated.
Waste Disposal Code(s) (European Waste Catalogue)	W070699

SECTION 14 Transport information

Ground:

14.1 UN number:	No data available
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No data available
14.4 Packing group:	No data available

Air:

14.1 UN number:	No data available
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No data available
14.4 Packing group:	No data available

Water:

14.1 UN number:	No data available
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No data available
14.4 Packing group:	No data available
14.5 Environmental hazards:	No
14.6 Special precautions for user:	No data available
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:	No data available

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Name	EINECS	SVHC
Diethylene glycol monobutyl ether	Y	N

15.2 Chemical safety assessment No data available

SECTION 16 Other information

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SDS Abbreviations: No data available
References: No data available
**Hazard phrase(s)
referenced in section 3** H319 - Causes serious eye irritation.

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