

Safety Data Sheet

Product Name: ENZYME PRE-SPOT 1 GAL.

Product identifier: 25

Revision Date: 03-02-2015

Replaces:

Auto Magic
Professional Car Care®

1. Identification

Product Name: ENZYME PRE-SPOT 1 GAL.
Product identifier: 25
Relevant identified uses of the substance or mixture and uses advised against: Pre Spot

Chemical Manufacturer / Importer: Auto Wax - An ITW Company
Auto Magic®
1275 Round Table Drive
Dallas, TX 75247
Emergency telephone 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
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 is required.

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4. First-aid measures

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 (Delayed)	Eye contact may cause burns, irritation, tearing and corneal damage. Ingestion may cause nausea and irritation.
Immediate medical attention and special treatment needed,:	No additional first aid information available

5. Fire-fighting measures

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
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.

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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 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. 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:

Store in a cool dry place. Isolate from incompatible materials. Keep 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

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
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.

Eye Protection:

Wear chemically resistant safety glasses with side shields when

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Skin Protection:	handling this product. Do not wear contact lenses. Safety Glasses or goggles with splash guards or side shields. 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
General Hygiene Conditions:	Keep out of the reach of children.

9. Physical and chemical properties

Appearance (physical state):	Liquid
Color:	Green
Odor:	Typical
Odor threshold:	No data available
pH:	7-8
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	100
Flash Point (°C):	99
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper Flammable/Explosive Limit:	12.6
Lower Flammable/Explosive Limit:	2.6
Vapor Pressure:	17.5 MMHG@20C/68F 0.1 MMHG@20C/68F
Vapor Density:	No data available
Relative Density:	1.02
Solubility(ies):	Complete; 100%
Partition coefficient: n-octanol/water:	1.41
Auto-ignition Temperature (°C):	415 °C
Decomposition Temperature::	No data available
Viscosity:	No data available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.

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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.

Incompatible materials: Strong oxidizing agents Acids Strong reducing agents

Hazardous decomposition products: Carbon dioxide Carbon monoxide

11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin contact, Eye contact, Ingestion

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.

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

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Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

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.

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: 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 proper shipping name: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. Regulatory information

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

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Regulated Components:

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

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

Revision Date: 03-02-2015

Revision Number: 1

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