

empackEmpack Spraytech Inc.
98 Walker Drive
Brampton, Ontario, L6T 4H6
Canada
905-792-6571**PRODUCT: Emzone OdorStop Fabric Refresher - 275 mL****CODE: P6-044225****SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Emzone OdorStop Fabric Refresher - 275 mL
 Product Item Numbers..... P6-044225
 Manufacturer..... Empack Spraytech Inc.
 98 Walker Drive
 Brampton
 Ontario
 Canada
 L6T 4H6
 905-792-6571
 24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.
 Recommended Use..... Eliminates vehicle odor at source, safe for all fabric interiors .

SECTION 02: HAZARDS IDENTIFICATION

Hazard Classification:
 Physical Hazards..... Not Classified.
 Health Hazards..... Eye Damage/Irritation - Category 2A.
 Label Elements:
 Signal Word..... WARNING.
 Hazard Statement..... Causes serious eye irritation.
 Precautionary Statements:
 Prevention..... Wash hands thoroughly after handling. Wear eye protection/face protection. Wear protective gloves.
 Response..... IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
 Storage..... None.
 Disposal..... None.
 Hazard(s) not otherwise classified (HNOC) None Known.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Ethyl alcohol	64-17-5	1-5
Surfactants	Mix	0.1- 1
Fragrance	Mix	0.1-1

SECTION 04: FIRST AID MEASURES

Inhalation..... Supply fresh air if any irritations persists.
 Eye Contact..... Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs. Get medical attention if irritation persists.
 Skin Contact..... Remove contaminated clothing. Launder clothing before reuse. Wash thoroughly with soap and lukewarm water.
 Ingestion..... Not likely to be ingested. If occurs, do not give anything by mouth to an unconscious person. Do not induce vomiting, get medical attention. Obtain medical advice.
 Most important symptoms/effects, acute .. Direct eye contact may cause temporary eye irritation.
 and delayed
 Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

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Suitable Extinguishing Media..... Dry chemical powder. Carbon dioxide. Foam, water spray or fog.
 Unsuitable Extinguishing Media..... None in particular.
 Specific Hazards Arising from the Chemical None known.
 Special Protective Equipment and Firefighters must use standard protective equipment including flame retardant coat, helmet
 Precautions for Firefighters with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.
 General Fire Hazards..... N/A.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Do not ingest. Avoid contact with eyes. For small quantities wear gloves, wipe up with
 Equipment and Emergency Procedures damp cloth, rinse cloth thoroughly and allow cloth to dry before laundering.
 Methods and Materials for Containment .. Contain the spill. Clean up the spill area with detergent and water. Once spilled material
 and Cleaning Up has been collected, use rags or other suitable material to clean spill area. Rags should be properly disposed off.
 Environmental Precautions..... Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Wash thoroughly after handling . Avoid contact with eyes. Avoid breathing vapours or spray mists of this product. Use with adequate ventilation.
 Conditions for Safe Storage including any Store in a tightly closed container.
 Incompatibilities

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Ethyl alcohol	Not established	1,000 ppm (15 minutes)	1,000 ppm	Not established	1,000 ppm
Surfactants	Not available	Not available	Not available	Not available	Not available
Fragrance	Not established	Not established	Not established	Not established	Not established
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.				
Individual Protection Measures:					
Eye/Face Protection.....	Do not get in eyes. Wear safety glasses with side-shields.				
Skin Protection.....	Not normally required. Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.				
Respiratory Protection.....	Not required on a short-term basis or if exhaust ventilation is provided. Use dust and mist respirator.				
Thermal Hazards.....	None Known.				
General Hygiene Considerations.....	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment prior to use.				

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Liquid.
 Physical Appearance..... Liquid aqueous solution.
 Odour..... Fresh, green, floral, woody .
 Odour Threshold (ppm)..... Not available.
 pH..... 4.5 - 6.0.
 Vapour Pressure (psig)..... Not available.
 Vapour Density (Air=1)..... Not available.
 Evaporation Rate (n-Butyl Acetate = 1)..... > 1 .
 Boiling Point (°C)..... 100°C.
 VOC Content..... None.
 Specific Gravity (Liquid)..... 0.980-1.020.
 Solubility in water..... Soluble in water.
 Auto Ignition Temperature (Propellant), °C Not applicable.
 Flash Point (°C), Method..... None.
 Lower Explosive Limit (% vol)..... Not applicable.
 Upper Explosive Limit (% vol)..... Not applicable.

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SECTION 10: STABILITY AND REACTIVITY

Reactivity Product not reactive under normal conditions of use.
 Chemical Stability..... Stable at normal temperatures and pressures.
 Possibility of Hazardous Reactions..... Will not occur.
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.
 Incompatible Materials..... None known.
 Hazardous Decomposition Products..... In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Ethyl alcohol	39 mg/L (Mouse - 4hrs)	7,060 mg/kg (Oral - Rat); 20,000 mg/kg (Dermal - Rabbit)
Surfactants	Not available	Not available
Fragrance	No data	No data

Information on Likely Routes of Exposure:

Routes of entry - Inhalation..... Yes.
 Routes of entry - Skin & Eye..... Yes.
 Routes of entry - Ingestion..... Yes.
 Routes of entry - Skin Absorption..... Yes.
 Symptoms Related to the Physical, Irritant effects.
 Chemical and Toxicological Characteristics
 Acute Toxicity..... May be harmful if swallowed. Irritating to the skin.
 Skin Corrosion/Irritation..... Causes mild skin irritation. Prolonged contact may be more irritating.
 Serious Eye Damage/Eye Irritation..... Causes eye irritation.
 Respiratory or Skin Sensitization..... Inhalation may cause respiratory tract irritation. May cause skin sensitization.
 Germ Cell Mutagenicity..... No information is available, and no adverse effects are expected.
 Carcinogenicity..... Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.
 Reproductive Toxicity
 STOT - Single Exposure..... Not classified.
 STOT - Repeated Exposure..... Not classified.
 Aspiration Hazard..... No data available .
 Chronic Effects..... No long term chronic effects are known or anticipated.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... Liquid release is only expected to cause localized, non-persistent environmental damage, such as freezing.
 Persistence and degradability The product itself has not been tested.
 Bioaccumulation Potential..... The product itself has not been tested.
 Mobility in Soil..... The product itself has not been tested.
 Other Adverse Effects..... None Known.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road)..... Not currently regulated.
 DOT (US-Road)..... Not currently regulated.
 IMDG (International- Marine)..... Not currently regulated.
 IATA (International- Air)..... Not currently regulated.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:..... WHMIS Classification. B5: Flammable Aerosol.
 US Regulations:..... California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposed 65 at levels which would be subjected to the proposition. OSHA (29CFR 1910.1200). This product is considered hazardous under the OSHA Hazard Communication Standard.

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SECTION 16: OTHER INFORMATION

Disclaimer..... This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. . The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors or users assume all risks with the use of the material.

Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.

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