

**empack**Empack 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 and delayed  
 Indication of immediate medical attention and special treatment needed  
 Direct eye contact may cause temporary eye irritation.  
 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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**SECTION 05: FIRE FIGHTING MEASURES**

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 Equipment and Emergency Procedures Do not ingest. Avoid contact with eyes. For small quantities wear gloves, wipe up with  
 damp cloth, rinse cloth thoroughly and allow cloth to dry before laundering.  
 Methods and Materials for Containment and Cleaning Up Contain the spill. Clean up the spill area with detergent and water. Once spilled material  
 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	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
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	Not available
Fragrance	Not established	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	20,000 ppm (10 hrs)	12.6 g/kg (Rat, Oral)
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, Chemical and Toxicological Characteristics	Irritant effects.	
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.

Prepared by ..... Regulatory Affairs  
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