



Empack Spraytech Inc.
98 Walker Drive
Brampton, Ontario, L6T 4H6
Canada
905-792-6571

PRODUCT: Emzone OdorStop Fabric Refreshner - 275mL

CODE: 044225

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity..... Emzone OdorStop Fabric Refreshner - 275mL
Product Item Numbers..... 044225
Manufactured by..... 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 .
Consumer Commodity..... Yes.
Hazard Ratings:
HMIS..... Health: 1 Fire: 0 Reactivity: 0.
NFPA Rating..... Health: 1 Fire: 0 Reactivity: 0.

Section 02: HAZARDS IDENTIFICATION

Emergency Overview..... May irritate eyes. KEEP OUT OF REACH OF CHILDREN .
Potential Health Effects:
Eye Contact..... May cause irritation, redness and pain.
Skin Contact..... Possible mild irritation at point of contact .
Ingestion..... Ingestion may cause headache, nausea, vomiting and weakness.
Inhalation..... Inhalation of vapour may cause irritation.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
Ethyl alcohol	64-17-5	1-5
Surfactants	mix	0.1-1
Fragrance	Proprietary	0.1-1.0

Section 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact..... Wash thoroughly with soap and lukewarm water.
Ingestion..... Do not induce vomiting, get medical attention.
Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance. If breathing is difficult, give oxygen and get medical attention.
Additional Information..... Note to the doctor; treat symptomatically.

Section 05: FIRE FIGHTING MEASURES

Flammability Class..... Non-Flammable.
Extinguishing Media..... Not flammable. Use regular extinguishing media whenever needed.
Sensitivity to Mechanical Impact..... Not expected to be sensitive.
Sensitivity to Static Discharge..... Not expected to be sensitive.

Section 06: ACCIDENTAL RELEASE MEASURES

Spills and Leaks..... Contain the spill. Clean up the spill area with detergent and water.

Section 07: HANDLING AND STORAGE

Handling..... Keep container tightly closed. Use with adequate ventilation.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye/Type..... Safety glasses with side-shields.
Skin/Type..... Not normally required. Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.
Respiratory/Type..... Use dust and mist respirator.

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Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls..... Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.

Exposure Limits

Ingredients	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Ethyl alcohol	1000 ppm	Not available	1000 ppm	Not available	1000 ppm
Surfactants	Not available	Not available	Not available	Not available	Not available
Fragrance	Not established	Not established	Not established	Not established	Not established

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Liquid.
 Physical Appearance..... Liquid aqueous solution.
 Odour..... Fresh, green, floral, woody .
 Odour Threshold (ppm)..... Not determined.
 pH..... 4.5 - 6.0.
 Vapour Pressure (psig)..... Not available.
 Vapour Density (Air=1)..... Not available.
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 Boiling Point liquid (deg. C)..... 100 ° C.
 VOC Content..... None .
 Specific Gravity (Liquid)..... 0.980-1.020.
 Specific Gravity (Aerosol)..... Not applicable.
 Solubility in water..... Soluble in water.
 Aerosol Flame Projection..... Not available .
 Auto Ignition Temperature (Propellant), ° C.. Not applicable.
 Flashback..... No.
 Flash Point (° C), Method..... Not applicable.
 Lower Flammable Limit (% Vol)..... Not applicable.
 Upper Flammable Limit (% Vol)..... Not applicable.

Section 10: STABILITY AND REACTIVITY

Stability..... Stable at normal temperatures and pressures.
 Incompatibility..... None known.
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.
 Hazardous Products of Decomposition..... In combustion emits toxic fumes.
 Hazardous Polymerization..... No polymerization expected at normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

Route of Exposure..... Skin contact, Skin absorption, Eye contact, Inhalation, and Ingestion.
 Effects of Acute Exposure..... May be irritating in case of skin contact.
 Effects of Chronic Exposure..... None known.
 Carcinogenicity of Material..... None known when used below acute toxicity limit.
 Reproductive Effects..... No information is available, and no adverse effects are expected.
 Teratogenicity..... No information is available, and no adverse effects are expected.
 Mutagenicity..... No information is available, and no adverse effects are expected.

Toxicological Data

Ingredients	LC50		LD50	
Ethyl alcohol	20,000 ppm (rat - 10 hrs)		7,060 mg/kg	
Surfactants	Not available		Not available	
Fragrance	No data		No data	

Section 12: ECOLOGICAL INFORMATION

Environmental..... Liquid release is only expected to cause localized, non-persistent environmental damage, such as freezing.

Section 13: DISPOSAL CONSIDERATIONS

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

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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.....	WHMIS Classification. Not regulated.
USA.....	Environmental Protection Act: Constituents of this product are included on the TSCA inventory.

Section 16: OTHER INFORMATION

Disclaimer.....	The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Empack assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. 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. THIS SDS IS VALID FOR THREE YEARS.
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.
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