



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

PRODUCT: Emzone Glass Cleaning Wipes - 100 wet wipes

CODE: P6-044505

SECTION 01: IDENTIFICATION

Product Identity..... Emzone Glass Cleaning Wipes - 100 wet wipes
Product Item Numbers..... P6-044505
Manufacturer..... Empack Spraytech Inc.
98 Walker Drive
Brampton
Ontario
Canada
L6T 4H6
905-792-6571
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.
Recommended Use..... Removes dirt, bugs, and grime from all automobile glass surface types.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:
Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Not Classified.
Health Hazards..... Skin Irritation - Category 3. Eye Damage/Irritation - Category 2A. Specific Target Organ Toxicity, Repeated Exposure - Category 2.
Environmental Hazards..... Not Classified.
Hazard Statement..... H316:Causes mild skin irritation. H319:Causes serious eye irritation. H373:May cause damage to organs through prolonged or repeated exposure.
Precautionary Statements:
Prevention..... P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P260:Do not breathe dust/ fume/ gas/ mist/ vapours /spray. P280:Wear eye protection/face protection.
Response..... P332+P317:If skin irritation occurs: Get medical help. P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P317: If eye irritation persists: Get medical help.
P319: Get medical help if you feel unwell.
Storage..... None.
Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.
Hazard(s) not otherwise classified (HNOC) KEEP OUT OF REACH OF CHILDREN.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Isopropyl alcohol	67-63-0	5-10
2-Butoxyethanol	111-76-2	1-5
Fragrance	Mix	0.1-1

SECTION 04: FIRST-AID MEASURES

Skin Contact..... Possible mild irritation at point of contact. . Rinse skin thoroughly with water. If irritation or redness develops, seek medical attention.
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.
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.
Inhalation..... No specific effects have been reported. Supply fresh air if any irritations persists.
Most important symptoms/effects, acute .. Direct eye contact causes eye irritation. May cause damage to organs through prolonged and delayed or repeated exposure.

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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.

SECTION 05: FIRE-FIGHTING MEASURES

General Fire Hazards..... Use as directed.
 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 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.
 Precautions for Firefighters

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Do not ingest. Avoid contact with eyes. Ensure adequate ventilation. Material can create
 Equipment and Emergency Procedures slippery conditions. Use personal protective equipment.
 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..... Avoid contact with eyes. Use with adequate ventilation.
 Conditions for Safe Storage including any Store in a cool, dry, well-ventilated area away from incompatible substances. Do not store
 Incompatibilities in direct sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Isopropyl alcohol	400 ppm (980 mg/m3)	500 ppm (1,225 mg/m3)	400 ppm (980 mg/m3)	500 ppm (1,225 mg/m3)	400 ppm (980 mg/m3)	
2-Butoxyethanol	20 ppm	Not available	50 ppm	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.....	Prevent eye contact, wear safety glasses in the event that eye contact is possible.					
Skin Protection.....	Not normally required.					
Respiratory Protection.....	Not required on a short-term basis or if exhaust ventilation is provided. Use approved NIOSH respirators for emergencies.					
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..... Wet wipes.
 Physical Appearance..... Liquid.
 Odour..... Fragrance.
 Odour Threshold (ppm)..... Not available.
 pH..... Neutral.
 Vapour Pressure (psig)..... Not applicable.
 Evaporation Rate (n-Butyl Acetate = 1)..... >1 .
 Boiling Point (°C)..... > 100.
 Specific Gravity Not available.
 Solubility in water..... Soluble in water.
 Auto Ignition Temperature (liquid), °C..... Not applicable.
 Flash Point (°C), Method..... Not applicable.
 Lower Explosive Limit (% , vol)..... Not applicable.

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Upper Explosive Limit (% vol)..... Not applicable.
 Note..... The properties stated above refer to the physical and chemical properties of liquid used to wet the wipes. Properties stated as "Not applicable" are not relevant due to the nature of the product.

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..... Avoid contacting with oxidizers.
 Hazardous Decomposition Products..... Normal products of combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
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Isopropyl alcohol	73 mg/L (Rat - 4hrs)	3,636 mg/kg (Oral - Rat); 4,059 mg/kg (Dermal - Rabbit)
2-Butoxyethanol	450 ppm (Rat - 4 hrs)	470 mg/kg (Oral - Rat)
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..... No.
 Routes of entry - Skin Absorption..... Yes.
 Symptoms Related to the Physical, Irritant effects.
 Chemical and Toxicological Characteristics
 Acute Toxicity..... No known significant effects.
 Skin Corrosion/Irritation..... May cause mild skin irritation.
 Serious Eye Damage/Eye Irritation..... Causes serious eye irritation.
 Respiratory or Skin Sensitization..... Not expected to be a skin or respiratory sensitizers.
 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..... 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..... Specific Target Organ, Repeated Exposure- Category 2.
 Aspiration Hazard..... Based on available data, the classification criteria are not met.
 Chronic Effects..... No long term chronic effects are known or anticipated.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. This product contains the following substance which may also be hazardous for the environment: Isopropanol (CAS#: 67-63-0): Toxicity to fish: LC50 9,640 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: 5,102 mg/L, 96 hrs; Toxicity to algae: EL50 >2,000 mg/L, 72 hrs. 2-butoxyethanol (CAS#: 111-76-2): Not established.
 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 regulated as a dangerous good.
 DOT (US-Road)..... Not regulated as a dangerous good.
 IMDG (International- Marine)..... Not regulated as a dangerous good.
 IATA (International- Air)..... Not regulated as a dangerous good.

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SECTION 15: REGULATORY INFORMATION

Canada Regulations:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.
 Domestic Substances List (DSL)..... Yes.
 US Regulations..... All substances contained in this product are listed on the TSCA inventory or are exempt.

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.

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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