



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

**PRODUCT: Emzone Waterless Wash and Wax - 496 g**

**CODE: P6-044038**

### SECTION 01: IDENTIFICATION

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

Product Item Numbers..... P6-044038  
Product Identity..... Emzone Waterless Wash and Wax - 496 g  
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.  
Recommended Use..... Waterless wash and wax.  
Chemical Family..... Mixture.

### SECTION 02: HAZARD IDENTIFICATION



#### Label Elements:

Signal Word..... DANGER.

Hazard Classification:  
Physical Hazards..... Flammable Aerosols - Category 2. Gases Under Pressure - Liquefied Gas.  
Health Hazards..... Aspiration Hazard - Category 1.  
Environmental Hazards..... Not Classified.

Hazard Statement..... H223:Flammable aerosol. H229:Pressurised container: may burst if heated (2).  
H280:Contains gas under pressure; may explode if heated (L). H304:May be fatal if  
swallowed and enters airways.

Precautionary Statements:  
Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
No smoking. P211:Do not spray on an open flame or other ignition source. P251:Do not  
pierce or burn, even after use.

Response..... P301+P316: IF SWALLOWED: Get emergency medical help immediately. . P331:Do NOT  
induce vomiting.

Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.  
P403:Store in a well ventilated place . P405: Store locked up.

Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or  
international regulations.

Hazard(s) not otherwise classified (HNOC) None Known.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Petroleum Distillates (Naphtha Hydrotreated Heavy)	64742-48-9	10-30
Isobutane	75-28-5	7-13
Propane	74-98-6	1-5

### SECTION 04: FIRST-AID MEASURES

Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain  
immediate medical assistance.

Skin Contact..... Wash exposed area with soap and water. Remove contaminated clothing. If irritation or  
redness develops, seek medical attention.

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.

Ingestion..... If ingested, do not induce vomiting, get medical attention. Rinse mouth. Obtain medical  
advice.

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Most important symptoms/effects, acute .. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct and delayed contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain.

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**

Suitable Extinguishing Media..... Dry chemical powder. Carbon dioxide. Foam, water spray or fog.

Unsuitable Extinguishing Media..... Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Chemical Contents under pressure. Pressurized container may explode when exposed to heat or flame.

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

General Fire Hazards..... Flammable Aerosol.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective ..... No action shall be taken involving any personal risk or without suitable training. Evacuate Equipment and Emergency Procedures surrounding areas. Keep unnecessary and unprotected personnel from entering. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).

Methods and Materials for Containment .. Spill areas may be slippery. Use care to avoid falls or other accidents . Contain the spill. and Cleaning Up 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..... Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid contact with eyes, skin, and clothing. Avoid breathing vapour of this product. Avoid contact with skin and eyes. Avoid prolonged exposure. Use in well-ventilated areas.

Conditions for Safe Storage including any Incompatibilities Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials (see Section 10).

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Petroleum Distillates (Naphtha Hydrotreated Heavy)	300 ppm	Not available	500 ppm (2,900 mg/m <sup>3</sup> )	Not available		Not available
Isobutane	Not available	1,000 ppm	Not available	Not available		Not available
Propane	Not available	Not available	1,000 ppm	Not available		Not available

**Individual Protection Measures:**

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.

Skin Protection..... Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.

Respiratory Protection..... Use dust and mist respirator.

Eye/Face Protection..... Do not get in eyes. Wear safety glasses with side-shields.

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

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**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Form.....	Aerosol.
Physical Appearance.....	Liquid.
Odor.....	Hydrocarbons.
Odor Threshold (ppm).....	Not available.
Vapour Pressure (psig).....	Not available.
Vapour Density (Air=1).....	>1.
Specific Gravity (Aerosol).....	Not available.
pH.....	7.5-8.5.
Boiling Point (Propellant), ° C.....	Not available.
Melting/Freezing Point (°C).....	Not available.
Flash Point (°C), Method.....	-82.8. Closed cup. (Propellant).
Aerosol Ignition Distance.....	Ignition Distance of greater than or equal to 15 cm.
Flashback.....	Not available.
Evaporation Rate (n-Butyl Acetate = 1).....	Not available.
VOC Content.....	NMT 40.
Solubility in water.....	Soluble.
Auto Ignition Temperature (°C).....	460°C (860°F). (Propellant).
Lower Flammable Limit (% Vol).....	1.8. (Propellant).
Upper Flammable Limit (% Vol).....	8.8. (Propellant).

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity .....	Product not reactive under normal conditions of use.
Chemical Stability.....	Material is stable under normal conditions.
Possibility of Hazardous Reactions.....	Will not occur.
Conditions to Avoid.....	Avoid sources of heat and flame, and electrostatic charge. Contact with incompatible substances.
Incompatible Materials.....	Strong oxidizing agents. Strong acids. Strong bases.
Hazardous Decomposition Products.....	Carbon Monoxide, Carbon Dioxide, Phosgene, Hydrogen Chloride Gas.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Petroleum Distillates (Naphtha Hydrotreated Heavy)	8500 mg/m <sup>3</sup> (Rat - 4hrs)	5000 ppm (Oral - Rat)
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
Propane	658 mg/L (Rat - 4 hrs)	Not available
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.....	No.	
Symptoms Related to the Physical, .....	Irritant effects.	
Chemical and Toxicological Characteristics		
Acute Toxicity.....	Harmful or fatal if swallowed.	
Skin Corrosion/Irritation.....	Based on available data, the classification criteria are not met.	
Serious Eye Damage/Eye Irritation.....	Not classified.	
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 Classifiable as a Human Carcinogen.	
Reproductive Toxicity.....	No information is available, and no adverse effects are expected.	
STOT - Single Exposure.....	Not classified.	
STOT - Repeated Exposure.....	Not classified.	
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.	
Chronic Effects.....	Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.	

**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.
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.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial and federal regulations. Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty.

**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.  
 DOT (US-Road)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.  
 IMDG (International- Marine)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.  
 IATA (International- Air)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.  
 Canadian Environmental Protection Act ... All ingredients listed appear on the Domestic Substances List (DSL).  
 (CEPA)  
 US Regulations  
 TSCA Inventory Status..... All components are either listed or exempt from the TSCA.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... 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. 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.

NFPA Storage Level..... Level 2.  
 Note..... The VOC content listed in section 9 is as per the interpretation that there is no CARB or ECCC category for this product format - therefore, there is no limit to meet.

Prepared by ..... Regulatory Affairs  
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