

empack
spraytech inc.

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

PRODUCT: Emzone Rim Cleaner - 650 ml

CODE: P6-044034

SECTION 01: IDENTIFICATION

Product Identity..... Emzone Rim Cleaner - 650 ml
 Product Item Numbers..... P6-044034
 Manufacturer..... Empack Spraytech Inc.
 98 Walker Drive
 Brampton
 Ontario
 Canada
 L6T 4H6
 905-792-6571
 24 hour emergency telephone number..... In Canada: Call CANUTEC (613) 996-6666 - In The United States: Call CHEMTREC (800) 424-9300.
 Recommended Use..... Cleans and dissolves brake dust, road grime, grease and dirt from rims.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:
 Signal Word..... WARNING.
 Hazard Classification:
 Physical Hazards..... Not Classified.
 Health Hazards..... Skin Irritation - Category 2. Eye Irritation - Category 2.
 Hazard Statement..... H315:Causes skin irritation. H320:Causes eye irritation.
 Precautionary Statements:
 Prevention..... P264:Wash hand thoroughly after handling. P280:Wear protective gloves.
 Response..... P302+P352:IF ON SKIN: Wash with plenty of water. P332+P313:If skin irritation occurs: Get medical advice/attention. P362+P364:Take off contaminated clothing and wash it before reuse. P321:For specific treatment see section 4 on this SDS.
 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+P313:If eye irritation persists: Get medical advice/attention.
 Storage..... None.
 Disposal..... None.
 Hazard(s) not otherwise classified (HNOC) KEEP OUT OF REACH OF CHILDREN.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acid salt blend	Proprietary	10-30
Surfactants	Mix	5-10

SECTION 04: FIRST-AID MEASURES

Inhalation..... Not applicable .
 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..... If irritation occurs consult with your doctor.
 Ingestion..... If swallowed, get medical attention immediately. Do not induce vomiting, get medical attention.
 Most important symptoms/effects, acute .. Direct eye contact causes 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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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 In case of fire, the following can be released: Carbon Oxides (CO, CO2), Other unidentified Organic Compounds.
 Special Protective Equipment and Precautions for Firefighters 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.
 General Fire Hazards..... N/A.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures 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 spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.
 Environmental Precautions..... Not applicable .

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Keep container tightly closed. Avoid contact with eyes. Keep away from heat, sparks, and open flames.
 Conditions for Safe Storage including any Incompatibilities 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
Acid salt blend	Not available	Not available	Not available	Not available	Not available	Not available
Surfactants	Not available	Not available	Not available	Not available	Not available	Not available
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved. Ground all equipment and cylinders before use.					
Individual Protection Measures: Eye/Face Protection.....	Chemical safety goggles should be worn to prevent contact with the eyes. Contact lenses should not be worn when working with this chemical. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.					
Skin Protection.....	Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.					
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.....	N/A.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Liquid.
 Physical Appearance..... Clear to light amber.
 Odour..... No odour.
 Odour Threshold (ppm)..... Not available.
 pH..... 1.0-1.5.
 Vapour Pressure (psig)..... Not applicable .
 Vapour Density (Air=1)..... >1.
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 Boiling Point (°C)..... 100.
 VOC Content..... Not available.
 Specific Gravity 1.00-1.10.
 Solubility in water..... Soluble.
 Auto Ignition Temperature (°C)..... Not applicable.
 Flash Point (°C), Method..... N/A.
 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..... Avoid contacting with oxidizers.
 Hazardous Decomposition Products..... No hazardous decomposition products when stored and handled correctly.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acid salt blend	Not available	Not available
Surfactants	Not available	Not available
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation.....	No.	
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.....	No known significant effects.	
Skin Corrosion/Irritation.....	Causes skin irritation.	
Serious Eye Damage/Eye Irritation.....	Causes serious eye damage.	
Respiratory or Skin Sensitization.....	Inhalation may cause respiratory tract irritation.	
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.....	Based on available data, the classification criteria are not met.	
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.	
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.
 Bioaccumulation Potential..... The product itself has not been tested.
 Mobility in Soil..... The product itself has not been tested.
 Other Adverse Effects..... None Known.
 Persistence and degradability The product itself has not been tested.

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:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.
 US Regulations..... OSHA (29CFR 1910.1200).
 California Proposition 65..... This product does not contain any chemical(s) known to the state of California to cause cancer or reproductivity toxicity.

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

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SECTION 16: OTHER INFORMATION

Disclaimer..... 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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