

empack
spraytech inc.

Empack Spraytech Inc.
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Canada
905-792-6571

PRODUCT: Emzone Rim Cleaner - 650 mL

CODE: P6-044034

SECTION 01: IDENTIFICATION

Manufacturer..... Empack Spraytech Inc.
Product Item Numbers..... P6-044034
Product Identity..... Emzone Rim Cleaner - 650 mL
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.
Recommended Use..... Rim cleaner.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:
Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Not Classified.
Health Hazards..... Acute Toxicity Oral - Category 5. Acute Toxicity Inhalation - Category 5. Eye Irritation - Category 2A.
Hazard Statement..... H303:May be harmful if swallowed. H333:May be harmful if inhaled. H319:Causes serious eye irritation.
Precautionary Statements:
Prevention..... P264+P265: Wash hands thoroughly after handling. Do not touch eyes.
Response..... P301+P317: IF SWALLOWED: Get medical help. P304+P317:IF INHALED: 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.
Storage..... None.
Disposal..... None.
Hazard(s) not otherwise classified (HNOC) None Known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Organic acid salt	112592-62-8	5-10
Urea Hydrochloride Organic Salt	506-89-8	1-5
Etidronic Acid	2809-21-4	1-5
D-Glucopyranose, oligomeric, C9-11-alkyl glycosides	132778-08-6	1-5
Disodium Lauryl Phenyl Ether Disulfonate	119345-04-9	1-5

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 .. Causes serious 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
Organic acid salt	Not available	Not available	Not available	Not available	Not available	Not available
Urea Hydrochloride Organic Salt	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. 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.....	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..... 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)..... Not available.
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 Boiling Point (°C)..... Not available.
 VOC Content..... NMT 2.
 Specific Gravity 1.025-1.035.
 Solubility in water..... Soluble.
 Aerosol Flame Projection..... Not applicable.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Flashback..... Not applicable.
 Auto Ignition Temperature (°C)..... Not applicable.
 Flash Point (°C), Method..... N/A.
 Lower Explosive Limit (% vol)..... Not applicable.
 Upper Explosive Limit (% vol)..... Not applicable.

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
Organic acid salt	Not available	798.1 mg/kg (Oral - Rat)
Urea Hydrochloride Organic Salt	No data	No data
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.....	May be harmful if swallowed. May be harmful if inhaled.	
Skin Corrosion/Irritation.....	Not classified.	
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.....	Not classified.	
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.....	Not classified.	
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.
 Persistence and degradability 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:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.

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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.
NFPA Storage Level.....	Not applicable.
Prepared by	Regulatory Affairs
Latest Revision	2025-03-10