

Canadian Krown Dealers Inc.
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Schomberg, Ontario, L0G 1T0
Canada
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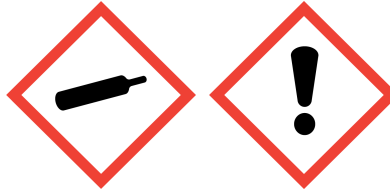
PRODUCT: Krown MR35 Salt Eliminator - 400 g

CODE: KR-001198

SECTION 01: IDENTIFICATION

Manufacturer..... Empack Spraytech Inc.
Product Item Numbers..... KR-001198
Product Identity..... Krown MR35 Salt Eliminator - 400 g
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.
Recommended Use..... Salt removal and general purpose cleaning.
Chemical Family..... Mixture.

SECTION 02: HAZARD IDENTIFICATION



Label Elements:
Signal Word..... WARNING.
Hazard Classification:
Physical Hazards..... Aerosols - Category 3. Gases Under Pressure - Compressed gas.
Health Hazards..... Acute Toxicity Oral - Category 4. Acute Toxicity Dermal - Category 4. Skin Irritation - Category 2. Eye Irritation - Category 2A.
Hazard Statement..... H229:Pressurised container: May burst if heated (3). H280:Contains gas under pressure; may explode if heated (C). H315:Causes skin irritation. H319:Causes serious eye irritation. H302:Harmful if swallowed . H312:Harmful in contact with skin.
Precautionary Statements:
Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251:Do not pierce or burn, even after use. P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P270:Do not eat, drink, or smoke when using this product. P280:Wear protective gloves/protective clothing. P280:Wear eye protection/face protection.
Response..... P302+P352:IF ON SKIN: Wash with plenty of water. P332+P317:If skin irritation occurs: Get medical help. P362+P364:Take off contaminated clothing and wash it before reuse. P321:For specific treatment see section 4 on this SDS. P317: 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. P301+P317: IF SWALLOWED: Get medical help. P330:Rinse mouth.
Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
Disposal..... P403:Store in a well ventilated place .
Hazard(s) not otherwise classified (HNOC) P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.
None Known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
2-Butoxyethanol	111-76-2	5-10
Tetrasodium EDTA	64-02-8	5-10
Lactic acid	79-33-4	1-5
Ethoxylated Alcohol	68439-46-3	1-5
poly(oxy-1,2- ethanediyl),alpha-und ecy- omega-hydroxy	34398-01-1	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. If symptoms persist, 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..... Do not induce vomiting, get medical attention. Rinse mouth. Obtain medical advice.

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Most important symptoms/effects, acute .. N/A.
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.

SECTION 05: FIRE-FIGHTING MEASURES

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 In case of fire, the following can be released: Carbon Oxides, Hydrocarbons, Aldehydes, Ketones. 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. 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..... Non-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 .. Wash with plenty of water.
and Cleaning Up
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 breathing vapours or mists. Do not eat or drink while working. See Section 08 for
Protective Personal Equipments.
Conditions for Safe Storage including any Keep away from heat, sparks, and flame. Do not store in direct sunlight. Store away from
Incompatibilities food stuffs. Away from source of ignition.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
2-Butoxyethanol	20 ppm	Not available	50 ppm	Not available	Not available	Not available
Tetrasodium EDTA	Not available	Not available	Not available	Not available	Not available	Not available
Lactic acid	Not available	Not available	Not available	Not available	Not available	Not available
Ethoxylated Alcohol	Not established	Not established	Not established	Not established	Not established	Not established
poly(oxy-1,2-ethanediyl),alpha-undecyl- omega-hydroxy	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.					
Individual Protection Measures:						
Eye/Face Protection.....	Do not get in eyes. Wear safety glasses with side-shields.					
Skin Protection.....	Use gloves and protective clothing against cold temperature made from viton, butyl rubber, PVC, neoprene or nitrile.					
Respiratory Protection.....	Not normally required if good ventilation is maintained. NIOSH approved respirator recommended if vapours or mists are generated .					
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.					

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CODE: KR-001198

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Form..... Aerosol.
 Physical Appearance..... Red liquid.
 Odor..... Fruity odour.
 Odor Threshold (ppm)..... Not available.
 Relative Density..... 1.017.
 Vapour Density (Air=1)..... 0.6.
 pH..... 3.5 - 6.0.
 Boiling Point liquid (°C)..... 100°C (212°F).
 Melting/Freezing Point (°C)..... 0°C (32°F).
 Flash Point (°C), Method..... Not available.
 Flashback..... Not available.
 Evaporation Rate (n-Butyl Acetate = 1)..... >1 .
 Vapour Pressure (psig)..... Not available.
 VOC Content..... NMT 8.
 Solubility in water..... Soluble.
 Auto Ignition Temperature (°C)..... Not available.
 Lower Flammable Limit (% Vol)..... Not applicable.
 Upper Flammable Limit (% Vol)..... Not applicable.
 Note..... NMT = Not More Than.

SECTION 10: STABILITY AND REACTIVITY

Reactivity No hazardous reactions.
 Chemical Stability..... Stable under the recommended storage and handling conditions.
 Possibility of Hazardous Reactions..... It may catch fire on contact with oxidizing mineral acids.
 Conditions to Avoid..... Strong acids and oxidizing materials.
 Incompatible Materials..... Avoid contact with. Peroxides. Sodium Hypochlorite.
 Hazardous Decomposition Products..... Carbon Oxides. Fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
2-Butoxyethanol	450 ppm (Rat - 4 hrs)	470 mg/kg (Oral - Rat)
Tetrasodium EDTA	Not available	1,658 mg/kg (Oral - Rat)
Lactic acid	Not available	Not available
Ethoxylated Alcohol	No data	No data
poly(oxy-1,2- ethanediyl),alpha-und eeryl- omega-hydroxy	Not available	>2,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)

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 if swallowed. Harmful in contact with skin.
 Skin Corrosion/Irritation..... Causes skin irritation.
 Serious Eye Damage/Eye Irritation..... Causes serious eye irritation.
 Respiratory or Skin Sensitization..... Not classified.
 Germ Cell Mutagenicity..... No information is available, and no adverse effects are expected.
 Carcinogenicity..... This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
 Reproductive Toxicity..... Based on available data, the classification criteria are not met.
 STOT - Single Exposure..... Not classified.
 STOT - Repeated Exposure..... Not classified.
 Aspiration Hazard..... Not classified.
 Chronic Effects..... None known.

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.: 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.

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SECTION 12: ECOLOGICAL INFORMATION

Other Adverse Effects..... None Known.

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.

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty.
 DOT (US-Road)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty., Consumer Commodity, ORM-D.
 IMDG (International- Marine)..... UN1950, AEROSOLS, Class 2.2, Ltd. qty.
 IATA (International- Air)..... UN1950, AEROSOLS, Class 2.2, 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..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory. This product is considered hazardous under the OSHA Hazard Communication Standard.

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.

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