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Canada
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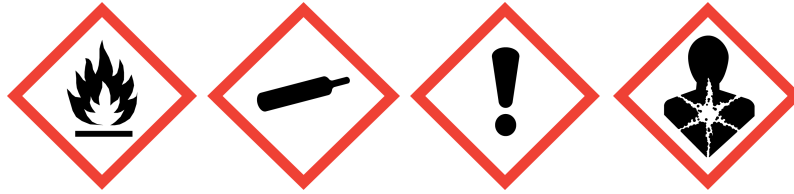
PRODUCT: Uniroke Nyrosten Seilol Lubricant - 400g

CODE: AD-750000

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Item Numbers..... AD-750000
Product Identity..... Uniroke Nyrosten Seilol Lubricant - 400g
Manufacturer..... Empack Spraytech Inc.
98 Walker Drive
Brampton
Ontario
Canada
L6T 4H6
905-792-6571
24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.
Recommended Use..... Industrial Lubricant.
Chemical Family..... Petroleum Distillates.

SECTION 02: HAZARDS IDENTIFICATION



Hazard Classification:
Physical Hazards..... Flammable Aerosols - Category 1. Gases Under Pressure - Liquefied Gas .
Health Hazards..... Skin Irritation - Category 2. Specific Target Organ Toxicity, Single Exposure - Category 3.
Aspiration Hazard - Category 1.
Environmental Hazards..... Not Classified.

Label Elements:
Signal Word..... DANGER.
Hazard Statement..... Extremely flammable aerosol. Contains gas under pressure; may explode if heated.
Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Precautionary Statements:
Prevention..... Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling.
Response..... IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER. Do NOT induce vomiting.
Storage..... Store locked up. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F.
Disposal..... Dispose of contents/ container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC).. Ingestion may cause irritation of the mouth, throat and stomach. May cause respiratory irritation. If product is sprayed directly onto the skin or into the eyes, symptoms of frostbite may be experienced. Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Petroleum Distillates (Naphtha Hydrotreated Heavy)	64742-48-9	60-100
Isobutane	75-28-5	10-30
Propane	74-98-6	7-13

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SECTION 04: FIRST AID MEASURES

Inhalation.....	Immediately remove person to fresh air.If breathing has stopped, give artificial respiration.If breathing is difficult, give oxygen by qualified medical personnel only. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin Contact.....	Immediately flush the contaminated skin with soap and water. If this chemical penetrates clothing, immediately remove the clothing and flush the skin with water. If irritation persists after washing, get 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 swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, acute and delayed	Aspiration hazard - material may cause lung inflammation or damage if it enters lungs through vomiting or swallowing. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal. May cause drowsiness or dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. If product is sprayed directly onto the skin or into the eyes, symptoms of frostbite may be experienced. Symptoms of frostbite may include numbness, pricking and itching.
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.	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.....	Flammable.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate 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 and Cleaning Up	Wash with plenty of water. Wipe up with absorbent (clean rag/paper towels). Allow absorbent to dry before disposing with normal household garbage .
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. Never pierce, drill, grind, cut, saw or weld any empty container. Do not eat or drink while working. Take prudent precautions to avoid contact with skin, eyes, and clothing. See Section 08 for Protective Personal Equipments.
Conditions for Safe Storage including any Incompatibilities	Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, and flame. Do not store in direct sunlight. Protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush.

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 ³)	Not available		Not available
Isobutane	800 ppm	1000 ppm	800 ppm	Not available		800 ppm (TWA)
Propane	2,500 ppm	Not available	1,000 ppm	Not available		1,000 ppm
Appropriate Engineering Controls.....	Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved. Ensure that eyewash stations and safety showers are available.					
Individual Protection Measures: Eye/Face Protection.....	Chemical splash goggles are recommended.					

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin Protection..... Use appropriate protective clothing to avoid skin contact if required.
 Respiratory Protection..... Respiratory protection is required if the concentrations exceed the TLV. Use a NIOSH approved dust respirator if dust levels exceed exposure limits. Seek advice from respiratory protection specialists.
 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

Form..... Aerosol.
 Physical Appearance..... Transparent. Golden liquid.
 Odor..... Mild petroleum.
 Odor Threshold (ppm)..... N/A.
 Specific Gravity N/A.
 Vapour Density (Air=1)..... Not available.
 Aerosol Vapour Pressure (psig, 21°C)..... Not available.
 pH..... N/A.
 Boiling Point (° C)..... 187-219.
 Melting/Freezing Point (°C)..... N/A.
 Flash Point (°C), Method..... >63. Tag Closed Cup.
 Flashback..... N/A.
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.
 VOC Content..... N/A.
 Solubility in water..... Insoluble.
 Auto Ignition Temperature (°C)..... Not available.
 Lower Flammable Limit (% Vol)..... 0.6.
 Upper Flammable Limit (% Vol)..... 7.0.
 Coefficient of Water/Oil Distribution..... N/A.
 Viscosity..... <20.5 mm²/s @ 40°C.

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..... Heat, flames, sparks.
 Incompatible Materials..... None known.
 Hazardous Decomposition Products..... In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Petroleum Distillates (Naphtha Hydrotreated Heavy)	8500 mg/m ³ (Rat,4hr)	5000 ppm (Oral,Rat)
Isobutane	658 mg/L (4hrs,Rat)	Not available
Propane	>800,000 ppm (Rat,15min)	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, Chemical and Toxicological Characteristics	May cause drowsiness or dizziness. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.	
Acute Toxicity.....	N/A.	
Skin Corrosion/Irritation.....	Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin. If product is sprayed directly on skin, symptoms of frostbite may be experienced including numbness, prickling and itching.	
Serious Eye Damage/Eye Irritation.....	Direct eye contact may cause slight redness. Spraying directly into the eyes may cause frostbite, damage to the cornea resulting in permanent eye injury.	
Respiratory or Skin Sensitization.....	N/A.	
Germ Cell Mutagenicity.....	No data available to indicate product or any components present at greater than 0.1% are mutagenic.	
Carcinogenicity.....	None of the ingredients are listed as possibly carcinogenic to humans by IARC or ACGIH.	
Reproductive Toxicity.....	Based on available data, the classification criteria are not met.	
STOT - Single Exposure.....	Specific target organ toxicity single exposure Category 3. May cause drowsiness and dizziness.	

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SECTION 11: TOXICOLOGICAL INFORMATION

STOT - Repeated Exposure..... Not classified.
 Aspiration Hazard..... No data available .
 Chronic Effects..... Prolonged exposure can cause redness, swelling, itching, cracking of the skin, dermatitis and sensitization.

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. Petroleum Naphtha: Toxicity to fish: Not available; Toxicity to other aquatic invertebrates: Not available; Toxicity to algae: 4700 mg/L, 72 hrs.
 Persistence and degradability The product itself has not been tested.
 Bioaccumulation Potential..... The product itself has not been tested.
 Mobility in Soil..... This material has low solubility and floats, and is expected to migrate from water to the land.
 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. If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

SECTION 14: TRANSPORT INFORMATION

TDG (Canada- Road)..... AEROSOLS, Class 2.1, UN1950.
 DOT (US-Road)..... AEROSOLS, Class 2.1, UN1950, LTD QTY, Consumer commodity ORM-D.
 IMDG (International- Marine)..... AEROSOLS, Class 2.1, UN1950.
 IATA (International- Air)..... AEROSOLS, Class 2.1, UN1950, LTD QTY.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:..... WHMIS Classification. A: Compressed gas. B5: Flammable Aerosol. D2B: Material causing other toxic Materials.
 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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