

MATERIAL SAFETY DATA SHEET

HAZARDOUS STATEMENT: Not classified as hazardous according to criteria of Worksafe Australia

CANDAN INDUSTRIES PTY LTD

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IDENTIFICATION

Product Name: INOX-mx8
Manufacturer's code: 00201 - 450 g
00201 - 500 g
00203 - 2.5 kg
00204 - 20 kg
180 kg
UN Number: Not applicable
Dg Class & Subsidiary Risk: Not applicable
Hazchem Code: Not applicable
Poisons Shedule: None assigned

Uses: Extreme Pressure Grease with PTFE for all Bearing and Industrial Applications.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance Smooth and tacky red grease
Boiling / Melting Point (°C) Melting Point >260
Vapour Pressure @ 25 °C, mm Hg Not Applicable
Specific Gravity Approx. 0.89
Flashpoint (°C) None
Solubility in Water 0.1 g/l
Penetration x 60 @ 25 °C 280 - 305

CHEMICAL INGREDIENTS:

CHEMICAL ENTITY	CAS NUMBER	PROPORTION
Solvent refined paraffinic mineral oil mixture	64742-65-0	55 to 65%
Solvent refined-dewaxed naphthenic distillate	64741-96-4	10 to 20%
Hydrotreated heavy naphthenic distillate	64742-52-5	10 to 20%
Lithium 12-hydroxy stearate	4485-12-5	10 to 15%
Proprietary sulphur/zinc/phosphorus EP/anti-oxidant/tackifier	On AICS listing	< 10%
Rust/corrosion inhibitor	On AICS listing	< 5%
PTFE	9002-84-0	< 5%
Red Dye	On AICS listing	< 1%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE

Swallowed: Not expected to be a problem in small amounts. If vomiting occurs, aspiration of fluid may cause lung injury (pneumonitis)
Eye: May cause some eye irritation.
Skin: Prolonged or frequent contact may cause skin irritation or cracking.
Inhaled: Not normally a problem due to nature of the product.

CHRONIC None expected apart from potential for skin and eye upon prolonged or repeated contact.

FIRST AID

Swallowed: If swallowed, do not induce vomiting. Aspiration of fluid may cause lung injury (pneumonitis). This is unlikely, however, due to the high viscosity of the base oil. Call a doctor immediately
Eye: Rinse eyes immediately with water for at least 15 minutes. In case of irritation, seek medical advice.
Skin: Wash affected areas with soap and water. Do not use solvents. If molten material gets on skin, cool rapidly with water. Do not attempt to remove material from the skin. Obtain medical treatment for thermal burn.
Inhaled: Treat as for swallowing if necessary for solid product.
First Aid Facilities: No special facilities required.

ADVICE TO DOCTOR: Refer to First Aid above. Practically non-toxic. Not carcinogenic.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS: Not applicable due to the nature of product.

ENGINEERING CONTROLS: None required.

PERSONAL PROTECTION

Respirator Type: None required.

Gloves: Use of protective gloves is good industrial practice (neoprene or nitrile type). Gloves should prevent contact between skin and product.

Eye Protection: As a precaution use chemical safety glasses. If handled hot, a full face shield should be worn.

Clothing: Clothing should be suitable to avoid product contacting skin on a prolonged or repeated basis.

Other: None.

FLAMMABILITY

Fire Hazards: Product is combustible.

Ventilation: No special ventilation is usually required.

Earthing: Not required.

Sources of Ignition Advice: Not applicable.

Special Equipment: None.

STORAGE AND TRANSPORT

SPILLS AND DISPOSAL:

Minimising Spills/Leaks: Product is easily contained. NOTE: May be slippery.

Clean Up Spills/Leaks: Transfer product into a container.

Precautions for Clean Up Crew: Neoprene gloves preferred for cleanup after fire.

Special Equipment Required: None.

Disposal Containers: Steel drums preferred.

Disposal Method: Treat as physically solid waste.

State/Territory Authority: Dispose according to local regulations.

Incineration/Landfill Considerations: Treat as physically solid waste.

FIRE/EXPLOSION HAZARD

Unusual Fire/Explosion Hazards: None expected.

List of Dangerous Decomposition Products: Incomplete combustion can product carbon monoxide and sulphur oxide.

Types of Extinguisher/Agents: Treat as class B fire. Use foam, carbon dioxide or dry chemical to extinguish.

Precautions: None.

OTHER INFORMATION

TOXICOLOGICAL INFORMATION: Low order of toxicity.

ENVIRONMENTAL INFORMATION

Biodegradability: No data available. Lithium complex greases would be expected to be slow to biodegrade due to mineral oil content.

Persistence in Soil/Water: Slow biodegradability. Product is not soluble in water. Density is less than water.

FURTHER INFORMATION: (Including any precautionary labels/risk categories required) None

CONTACT PERSON

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