

MATERIAL SAFETY DATA SHEET

HAZARDOUS STATEMENT: Not classified as hazardous according to criteria of NOHSC.

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IDENTIFICATION

Product Name: INOX mx-7

Manufacturer's code: 00701 - 125g Tube

**USES: Extreme Pressure PTFE Paste for Engine / Machinery assembly
& Thread Anti-seize applications.**

PHYSICAL DESCRIPTION / PROPERTIES

Appearance Light brown smooth grease
Boiling / Melting Point (°C) Melting Point > 180
Vapour Pressure @ 25 °C, mm Hg Not Applicable
Specific Gravity Approx. 0.9
Flashpoint (°C) > 240
Solubility in Water < 0.1 g/l
Penetration x 60 @ 25 °C 355 - 385

CHEMICAL INGREDIENTS:

CHEMICAL ENTITY	CAS NUMBER	PROPORTION
Heavy, highly refined paraffinic mineral oil	64742-62-7	30 to 60%
Heavy solvent-dewaxed paraffinic oil	64742-65-0	30 to 60%
Heavy solvent-refined naphthenic oil	64741-96-4	10 to 30%
Polytetrafluoroethylene	9002-84-0	10 to 30%
Other ingredients determined not to be hazardous	Not required	< 10%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE

Toxicology: The classification as a carcinogen need not apply in this case as the main constituents in this product are in accordance with Note L of the NOHSC Designated Lists of Hazardous Substances (containing less than 3% DMSO extract as measured by IP 346).

Swallowed: May cause irritation to the mouth, oesophagus and stomach. Symptoms may include nausea, vomiting and diarrhoea.

Eye: May cause slight to moderate eye irritation, resulting in redness and stinging.

Skin: May dry or defat the skin, resulting in skin irritation and possible dermatitis. Grease accidentally injected under the skin can result in local necrosis and tissue damage.

Inhaled: May cause irritation to the mucous membrane and upper airways, especially if the material is heated or mists are generated and/or is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.

CHRONIC Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

FIRST AID

Swallowed: Do not induce vomiting. Immediately wash out mouth with water, then give plenty of water to drink. Seek medical attention.

Eye: Rinse eyes immediately with water for at least 15 minutes. In case of irritation, seek medical advice.

Skin: Remove all contaminated clothing. Wash affected areas with soap and water. Wash contaminated clothing before re-use or discard. If irritation develops and persists, seek medical attention.

FIRST AID (cont.)

- Inhaled:** Remove the patient to fresh air. Ensure airways are clear and have a qualified person give oxygen through a facemask if breathing is difficult. If irritation develops, seek medical attention.
- First Aid Facilities:** No special facilities required.
- ADVICE TO DOCTOR:** Treat symptomatically.

PRECAUTIONS FOR USE

- Exposure Standards:** No value assigned for this specific material by the NOHSC.
- Biological Limit Values:** No biological limit allocated.
- Engineering Control:** The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limits.

PERSONAL PROTECTION

- Respirator Type:** Avoid breathing vapours or mists. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours are generated, the use of the following is recommended: Half face piece respirator with dust/mist filters.
- Gloves:** Use of impervious rubber gloves is recommended.
- Eye Protection:** Chemical safety glasses are recommended. 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.

STORAGE AND TRANSPORT

- UN Number:** None allocated
- DG Class:** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
- Hazchem Code:** None allocated
- Spills Procedure:** SMALL - 20 LITRES OR LESS: Soak up with inert oil absorbant. Arrange for disposal through an approved facility.
LARGE - GREATER THAN 20 LITRES: Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. Place inert absorbant material such as vermiculite, sand or dirt onto spillage. Collect and place the material into suitable labelled containers. If large quantities of this material enter waterways, contact the EPA or your local Waste Management Authority.
- Disposal Method:** Dispose of waste according to Federal, EPA, state or local regulations.
- Special Disposal Precautions:** None allocated.
- Fire/Explosion Hazard:** Classified as C2 (Combustible liquid).
- Combustion Products:** Oxides of carbon.
- Extinguishing Media:** Use Water or fog as a spray to cool fire exposed containers. Use foam, carbon dioxide or dry chemical to extinguish.
- Fire Fighting Precautions:** Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.
- Flash Point:** > 240°C
- Ecotoxicity:** No ecotoxicological classifications.
- Persistence and Degradability:** This product is inherently biodegradable.
- Mobility:** Spillages are unlikely to penetrate the soil.
- Handling:** Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact, maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build up of mist in working areas must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.
- Storage Precautions:** Classified as a combustible substance for storage and handling purposes. Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials such as oxidising materials. Reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	None allocated.
Incompatible Materials:	Strong oxidising agents.
Hazardous Decomposition Products:	Oxides of carbon.
Hazardous Reactions:	No hazardous polymerisation will occur.

CONTACT PERSON

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End of MSDS
