



INOX mx8 grease

# Material Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>INOX mx8</b>
<b>Manufacturer's Code</b>	00206 – 400 g 00201 – 450 g 00202 – 500 g 00203 – 2.5 Kg 00204 – 20 Kg - 180 Kg
<b>Recommended Use</b>	Extreme pressure grease with PTFE for all bearing and industrial applications.
<b>Company Name Address</b>	CANDAN INDUSTRIES PTY LTD 65 Chetwynd Street LOGANHOLME Q 4129 AUSTRALIA
<b>Emergency Tel</b>	07 5580 1438 (5 p.m. – 8 a.m.) weekdays. 24 Hours weekends and Public Holidays
<b>Phone</b>	07 3209 8733
<b>Fax</b>	07 3209 8744

## SECTION 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	Not classified as hazardous according to the criteria of Safe Work Australia
<b>Risk Phrases</b>	None applicable
<b>Safety Phrases</b>	None applicable

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion %</b>
	Solvent refined paraffinic mineral oil mixture	64742-65-0	> 60%
	Solvent-refined-dewaxed naphthenic distillate	64741-96-4	10 – 30%
	Hydrotreated heavy naphthenic distillate	64742-52-5	10 – 30%
	Lithium 12-hydroxy stearate	4485-12-5	10 – 30%
	Sulphur/zinc/phosphorous EP/ anti-oxidant/tackifier	Proprietary	< 10%
	Rust/corrosion inhibitor	Proprietary	< 5%
	Polytetrafluoroethylene	9002-84-0	< 5%
	Red dye	Proprietary	< 1%

## SECTION 4. FIRST AID MEASURES

<b>Swallowed</b>	Unlikely source of entry due to the nature of the product. If swallowed, do not induce vomiting. If vomiting occurs take precautions to prevent aspiration of vomit into the lungs. Seek medical attention immediately.
<b>Eye</b>	Rinse eyes immediately with water for at least 15 minutes. In case of irritation, seek medical advice.



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<b>Skin</b>	Wash affected areas with soap and water. Do not use solvents to remove product from the skin. Should molten material come into contact with the skin, cool rapidly with water, do not attempt to remove material – seek medical attention for thermal burn. Wash contaminated clothing before re-use or discard. If irritation develops or persists, seek medical attention.
<b>Inhaled</b>	Remove the patient to fresh air. Treat as for swallowed above.
<b>First Aid Facilities</b>	No special facilities required
<b>Aggravated medical conditions caused by exposure.</b>	None known.
<b>Chronic Health Effects</b>	None expected apart from the potential for skin and eye irritation upon prolonged or repeated contact.

### SECTION 5. FIRE FIGHTING MEASURES

<b>Extinguisher</b>	Use foam, carbon dioxide or dry chemical to extinguish fires.
<b>Hazards from combustion products</b>	Incomplete combustion can produce carbon monoxide and sulphur oxide.
<b>Special protective precautions and equipment for fire fighters</b>	Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.
<b>Hazchem code</b>	None allocated

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency procedures</b>	Product is combustible.
<b>Methods and materials for containment and clean up.</b>	Product is easily contained although it may be slippery. Treat as solid waste, transfer product preferably into steel drums and dispose of according to local regulations.

### SECTION 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Use in a well ventilated area.
<b>Conditions for safe storage including any incompatibilities</b>	Classified as a combustible substance (C2) for storage and handling purposes. Store in closed containers 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 aerosols, oxidising materials and corrosive substances.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National exposure standards for mixture</b>	No value assigned for this specific material by Safe Work Australia
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Component	Breathing Zone			Mixture conc. (%)
	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	



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<b>Biological Limit Values</b>	No biological limit allocated
<b>Engineering Controls</b>	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 Protective Equipment

<b>Eyes.</b>	The use of chemical safety glasses are recommended. If the material is handled hot a full face shield should be worn.
<b>Hands</b>	The use of gloves (neoprene or nitrile) is recommended to prevent skin contact.
<b>Clothing</b>	Clothing should be suitable to avoid product contacting skin on a prolonged or repeated basis.
<b>Respirator</b>	Not required

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Smooth and tacky red grease
<b>Odour</b>	Minimal odour
<b>pH</b>	Not applicable
<b>Vapour pressure @ 25°C, mm Hg</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Melting Point</b>	> 260°C
<b>Flashpoint</b>	None
<b>Solubility</b>	0.1 g/L in water
<b>Density</b>	Approx 0.9
<b>Penetration x 60 @ 25°C</b>	280 - 305

## SECTION 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to avoid</b>	None allocated
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Incomplete combustion can produce carbon monoxide and sulphur oxide.
<b>Hazardous reactions</b>	No hazardous polymerization will occur

## SECTION 11. TOXICOLOGICAL INFORMATION

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 List of Designated Hazardous Substances. (containing less than 3% DMSO extract as measured by IP 346)

### Health effects:

Swallowed:	Not expected to be a problem in small amounts.
Eye:	May cause irritation.
Skin:	Prolonged or frequent contact may cause skin irritation or cracking.
Inhaled:	Not normally a problem due to the nature of the product.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No ecotoxicological classifications.

**Biodegradability:**

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

**Persistence in soil/water:**

Slow biodegradability, insoluble in water. Density is less than water.

**Mobility:** Spillages are unlikely to penetrate the soil.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods and containers** Dispose of waste according to Federal, EPA, state or local regulations.

**Special precautions for landfill or incineration** Treat as solid waste.

**SECTION 14. TRANSPORT INFORMATION**

**UN Number** None allocated

**UN Proper shipping name** None allocated

**Class** None allocated

**Subsidiary risk** None allocated

**Packing Group** None allocated

**Special precautions for user** None allocated

**Hazchem Code** None allocated

**SECTION 15. REGULATORY INFORMATION**

**Poison Schedule** Not scheduled

**SECTION 16. OTHER INFORMATION**

**Date of Preparation:** March 2010

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**Literature references.**

List of Designated Hazardous Substances.

Hazardous Substance Information System <http://hsis.ascc.gov.au/>

National Code of Practice for the Preparation of Material Safety Data Sheets.



**Abbreviations:**

NOHSC	National Occupational Health and Safety Commission
TWA	Time weighted average
STEL	Short term exposure limit
CAS Number	Chemical Abstract Service registry number
TLV	Threshold limit value

*Safety data sheets are updated frequently. Please ensure that you have a current copy.*

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**END OF MSDS**