Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name **INOX mx8**

Manufacturer's Code 00206 – 400 g
00201 – 450 g
00202 – 500 g
00203 – 2.5 Kg
00204 – 20 Kg
- 180 Kg

Recommended Use Extreme pressure grease with PTFE for all bearing and industrial applications.

Company Name CANDAN INDUSTRIES PTY LTD
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SECTION 2. HAZARDS IDENTIFICATION

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion %
	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

Swallowed 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.

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 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.
Inhaled	Remove the patient to fresh air. Treat as for swallowed above.
First Aid Facilities	No special facilities required
Aggravated medical conditions caused by exposure.	None known.
Chronic Health Effects	None expected apart from the potential for skin and eye irritation upon prolonged or repeated contact.

SECTION 5. FIRE FIGHTING MEASURES

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	Product is combustible.
Methods and materials for containment and clean up.	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

Precautions for safe handling	Use in a well ventilated area.
Conditions for safe storage including any incompatibilities	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

National exposure standards for mixture No value assigned for this specific material by Safe Work Australia

Component	Breathing Zone				Mixture conc. (%)
	TWA ppm	TWA mg/m^3	STEL ppm	STEL mg/m^3	

Biological Limit Values	No biological limit allocated
Engineering Controls	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

Eyes. The use of chemical safety glasses are recommended.
If the material is handled hot a full face shield should be worn.

Hands The use of gloves (neoprene or nitrile) is recommended to prevent skin contact.

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

Respirator Not required

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and handling.
Conditions to avoid	None allocated
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Incomplete combustion can produce carbon monoxide and sulphur oxide.
Hazardous reactions	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