



INOX-mx6

Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	INOX-mx6
Manufacturer's Code	00405 – 30 g 00407 – 375 g 00401 – 400 g 00404 – 450 g 00402 – 2.5 Kg 00403 – 20 Kg -180 Kg
Recommended Use	Extreme pressure, bearing and food processing machinery grease.
Company Name Address	CANDAN INDUSTRIES PTY LTD 65 Chetwynd Street LOGANHOLME Q 4129 AUSTRALIA
Emergency Tel	07 5580 1438 (5 p.m. – 8 a.m.) weekdays. 24 Hours weekends and Public Holidays
Phone Fax	07 3209 8733 07 3209 8744

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 %
	Poly alpha olefin base fluid	68037-01-4	> 60 %
	Bentone clay thickener	1340-58-7	10 – 30 %
	Antioxidant	Proprietary	< 10 %
	PTFE powder	Proprietary	< 5 %

SECTION 4. FIRST AID MEASURES

Swallowed	If a large amount is swallowed, induce vomiting and seek medical attention. Take precautions to prevent aspiration of vomit into the lungs.
Eye	Irrigate thoroughly with water for 15 minutes, if irritation occurs, seek medical attention.
Skin	Wash area with plenty of soap and water. Do not use solvents,
Inhaled	Unlikely due to the nature of the product unless being used hot. In this case treat as if the product were swallowed.
First Aid Facilities	IPECAC syrup.
Aggravated medical conditions caused by exposure.	None known.
Chronic Health Effects	None expected apart from potential for skin and eye with prolonged or repeated contact.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher	Use foam or dry chemical to extinguish fires.
Hazards from combustion products	Carbon Monoxide (CO)
Special protective precautions and equipment for fire fighters	Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn for fires in enclosed areas.
Hazchem code	None allocated

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	Product is easily contained although it may be slippery.
Methods and materials for containment and clean up.	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	Store sealed containers in a cool, well ventilated area. Store product in original containers, do not decant into plastic containers unless approved for the application.
Conditions for safe storage including any incompatibilities	Store apart from strong oxidizing agents and sources of heat and ignition. Product is potentially combustible.

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/m³	STEL ppm	STEL mg/m³
Biological Limit Values	No biological limit allocated			
Engineering Controls	The use of mechanical dilution ventilation is recommended			
Personal Protective Equipment				
Eyes.	The use of safety goggles is recommended. If handled hot a full face shield should be worn.			
Hands	Use of gloves is recommended to prevent contact with product.			
Clothing	Clothing should be suitable to prevent skin contact on a prolonged or repeated basis.			
Respirator	Not required under normal conditions of use.			

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light amber coloured grease
Odour	Minimal odour
pH	Not applicable
Vapour pressure @ 25°C, mm Hg	Not applicable
Vapour density	Not applicable
Melting Point	Doesn't melt.
Flashpoint	None
Solubility in water	< 0.1 g/L
Density	Approx 0.9
Penetration x 60 @ 25°C	265 (min) – 295 (max).

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and handling.
Conditions to avoid	Extreme heat
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon monoxide (CO)
Hazardous reactions	No hazardous polymerization will occur

SECTION 11. TOXICOLOGICAL INFORMATION

Contains no scheduled compounds.

Carcinogens	None
Halogens	None

Swallowed: Not expected to be a problem in small amounts.

Eyes: May cause some 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. This grease would be expected to be slow to biodegrade due to the poly alpha base fluid content.

Persistence in soil/water:

Slow biodegradability, insoluble in water. Density 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

Food Grade Approvals

Australia: Type A Lubricant – Instrument of Approval is freely available on request.

New Zealand: NZ FSA Approved C15 (All animal product except dairy)

KOSHER Certificate – FML-QVTB Pareve

Poison Schedule Not scheduled

SECTION 16. OTHER INFORMATION

Date of Preparation: March 2010

Contact Person

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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



INOX-mx6

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END OF MSDS