



LANOX-mx4 grease

# Material Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	<b>LANOX-mx4 Lanolin Grease</b>
<b>Manufacturer's Code</b>	00104 – 500 G 00105 – 2.5 Kg 00106 – 20 Kg
<b>Recommended Use</b>	Lanolin based Anti-corrosion Solid Lubricant.
<b>Company Name</b>	CANDAN INDUSTRIES PTY LTD
<b>Address</b>	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

Ingredients	Name	CAS	Proportion % To 100%
	Ingredients determined not to be hazardous		

## SECTION 4. FIRST AID MEASURES

<b>Swallowed</b>	Material is relatively harmless. If a large amount is swallowed, seek medical attention.
<b>Eye</b>	Irrigate thoroughly with water, if irritation occurs, seek medical attention.
<b>Skin</b>	Wash area with plenty of soap and water.
<b>Inhaled</b>	Remove to fresh air, seek medical attention. Choking and the possibility of lung irritation from hot vapours only
<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 known

## SECTION 5. FIRE FIGHTING MEASURES

<b>Extinguisher</b>	Use foam, carbon dioxide or dry chemical to extinguish fires.
<b>Hazards from combustion products</b>	Carbon Monoxide (CO)
<b>Special protective precautions and equipment for fire fighters</b>	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  
Methods and materials  
for containment and  
clean up.**

Shovel up and dispose of using appropriate waste disposal facilities in accordance with current applicable laws and regulations.

**SECTION 7. HANDLING AND STORAGE**

**Precautions for safe  
handling  
Conditions for safe  
storage including any  
incompatibilities**

Undertake good industrial hygiene practices. Wash hands before eating and smoking.  
Store in a well ventilated area, out of the sun and segregate from oxidizing materials.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**National exposure  
standards for  
mixture**

No value assigned for this specific material by Safe Work Australia

**Component**

	<b>Breathing Zone</b>			<b>Mixture conc. (%)</b>
	<b>TWA ppm</b>	<b>TWA mg/m<sup>3</sup></b>	<b>STEL ppm</b>	

**Biological Limit  
Values  
Engineering  
Controls**

No biological limit allocated

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.** Although the material is non-irritant the use of safety glasses are recommended.

**Hands** Non-irritant material, practice good industrial hygiene.

**Clothing** No special requirements.

**Respirator** Not required under normal conditions of use and with adequate ventilation.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Pale creamy/yellow solid
<b>Odour</b>	Lanolin odour
<b>pH</b>	Not applicable
<b>Vapour pressure @ 25°C, mm Hg</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Pour Point</b>	48°C
<b>Flashpoint</b>	162°C
<b>Solubility</b>	Insoluble
<b>Density</b>	0.8325
<b>Flammability Limits</b>	LEL – Not Known UEL – Not Known

**SECTION 10. STABILITY AND REACTIVITY**

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

**SECTION 11. TOXICOLOGICAL INFORMATION**

Contains no scheduled compounds.

<b>Carcinogens</b>	None
<b>Halogens</b>	None

**Swallowed:** May cause stomach upset.

**Eyes:** Non irritant

**Skin:** Non irritant

**Inhaled:** Fumes from over heating may be a mild respiratory irritant.

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No ecotoxicological classifications.

**Persistence and Degradability:**  
This product is inherently biodegradable.

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

**SECTION 13. DISPOSAL CONSIDERATIONS**

<b>Disposal methods and containers</b>	Dispose of waste according to Federal, EPA, state or local regulations.
<b>Special precautions for landfill or incineration</b>	None allocated.

**SECTION 14. TRANSPORT INFORMATION**

<b>UN Number</b>	None allocated
<b>UN Proper shipping name</b>	None allocated
<b>Class</b>	None allocated
<b>Subsidiary risk</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Special precautions for user</b>	None allocated
<b>Hazchem Code</b>	None allocated

**SECTION 15. REGULATORY INFORMATION****Food Grade Approvals**

**Australia:** Type A Lubricant – Instrument of Approval is freely available on request.  
**KOSHER Certificate** – HTH-BBQK Pareve

**Poison Schedule** Not scheduled

**SECTION 16. OTHER INFORMATION**

**Date of Preparation:** February 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

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**END OF MSDS**