



INOX-mx6

# Material Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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

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

## SECTION 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguisher</b>   | Use foam 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. |
| <b>Hazchem code</b>   | None allocated   |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|  |  |                             |                 |                              |
|--|--|-----------------------------|-----------------|------------------------------|
| <b>National exposure standards for mixture</b> | No value assigned for this specific material by Safe Work Australia                            |                             |                 |                              |
| <b>Component</b>                               | <b>Breathing Zone</b>  |                             |                 | <b>Mixture conc. (%)</b>     |
|  | <b>TWA ppm</b>   | <b>TWA mg/m<sup>3</sup></b> | <b>STEL ppm</b> | <b>STEL mg/m<sup>3</sup></b> |
| <b>Biological Limit Values</b>                 | No biological limit allocated  |                             |                 |                              |
| <b>Engineering Controls</b>                    | The use of mechanical dilution ventilation is recommended                                      |                             |                 |                              |
| <b>Personal Protective Equipment</b>           |  |                             |                 |                              |
| <b>Eyes.</b>                                   | The use of safety goggles is recommended.<br>If handled hot a full face shield should be worn. |                             |                 |                              |
| <b>Hands</b>                                   | Use of gloves is recommended to prevent contact with product.                                  |                             |                 |                              |
| <b>Clothing</b>                                | Clothing should be suitable to prevent skin contact on a prolonged or repeated basis.          |                             |                 |                              |
| <b>Respirator</b>                              | Not required under normal conditions of use.   |                             |                 |                              |

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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

**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<br/>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:** 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**

|   |   |
|---|---|
| <b>Disposal methods and<br/>containers</b>                  | Dispose of waste according to Federal, EPA, state or local regulations. |
| <b>Special precautions for<br/>landfill or incineration</b> | Treat as solid waste.   |

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**SECTION 14. TRANSPORT INFORMATION**

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|                                     |                |
|-------------------------------------|----------------|
| <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 |

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**SECTION 15. REGULATORY INFORMATION**

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**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

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**SECTION 16. OTHER INFORMATION**

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**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**