



INOX mx5 Plus aerosol

## Material Safety Data Sheet

### SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | <b>INOX mx5 Plus</b>  |
| <b>Manufacturers Code</b>       | 00501 – 300 g Aerosol   |
| <b>Recommended Use</b>          | Anti-corrosion – Extreme pressure lubricating oil.                                |
| <b>Company Name<br/>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<br/>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. Classified as a Dangerous Good according to the Australian Dangerous Goods (ADG) Code. |
| <b>Risk Phrases</b>          | R12 Extremely flammable  |
| <b>Safety Phrases</b>        | S2 Keep out of reach of children<br>S9 Keep container in a well ventilated place<br>S16 Keep away from sources of ignition.  |

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <b>Ingredients</b> | <b>Name</b>                                | <b>CAS</b> | <b>Proportion %</b> |
|--------------------|--|------------|---------------------|
|                    | Butane                                     | 106-97-8   | < 30%               |
|                    | Propane                                    | 74-98-6    | < 10%               |
|                    | Ingredients determined not to be hazardous |            | To 100%             |



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**SECTION 4. FIRST AID MEASURES**

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| <b>Swallowed</b>   | Do not induce vomiting, give 1 to 2 glasses of water to drink. Seek medical attention.   |
| <b>Eye</b>   | Irrigate thoroughly with water, if irritation occurs, seek medical advice.   |
| <b>Skin</b>  | Wash area with soap and water. Remove contaminated clothes and launder before reuse.   |
| <b>Inhaled</b>   | Remove from further exposure. If irritation, dizziness, nausea or unconsciousness occurs, get medical assistance. If breathing is shallow or has stopped, ensure airways are clear and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. |
| <b>First Aid Facilities</b>                              | No special facilities required   |
| <b>Aggravated medical conditions caused by exposure.</b> | None known.  |
| <b>Chronic Health Effects</b>                            | Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.  |

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**SECTION 5. FIRE FIGHTING MEASURES**

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|   |   |
|---|---|
| <b>Extinguisher</b>   | Foam, Carbon dioxide and dry chemical powder.   |
| <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>   | 2YE   |

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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|  |   |
|--|---|
| <b>Emergency procedures</b>                                | Eliminate all sources of ignition and ventilate area.   |
| <b>Methods and materials for containment and clean up.</b> | Clean up all spills immediately.<br>Avoid breathing vapours and contact with skin and eyes.<br>If safe to do so, damaged cans should be placed into a container in a well ventilated area (outside) until the gas has discharged.<br>Clean up spills with inert material and dispose of in accordance with current legislation. |

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**SECTION 7. HANDLING AND STORAGE**

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|--|--|
| <b>Precautions for safe handling</b>                               | Use in a well ventilated area. Do not store or use in confined spaces.   |
| <b>Conditions for safe storage including any incompatibilities</b> | Classified as a Flammable gas for storage and handling purposes. Store in a cool, dry, well ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources.<br>Store away from incompatible materials such as oxidising materials, flammable liquids 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 <sup>3</sup> | STEL ppm | STEL mg/m <sup>3</sup> |                   |
| Butane    | 800            | 1900                  | -        | -                      | <30%              |
| Propane   | -              | -                     | -        | -                      | < 10%             |

**Biological Limit Values** No biological limit allocated

**Engineering Controls** Use in well ventilated areas.

**Personal Protective Equipment**

|                   |   |
|-------------------|---|
| <b>Eyes.</b>      | Very mild irritant – normal industrial eye protection practices should be employed.     |
| <b>Hands/Feet</b> | Safety footwear.  |
| <b>Other</b>      | Non irritant. Good personal hygiene recommended.  |
| <b>Respirator</b> | No special requirements under ordinary conditions of use and with adequate ventilation. |

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

|                            |   |
|----------------------------|---|
| <b>Appearance</b>          | Clear light tan liquid                    |
| <b>Odour</b>               | Minimal odour                             |
| <b>pH</b>                  | Not applicable                            |
| <b>Vapour pressure</b>     | < 6kPa                                    |
| <b>Flammability Limits</b> | LEL < 4%<br>UEL – not known               |
| <b>Flashpoint</b>          | 182°C when propellant gas has dissipated. |
| <b>Pour Point</b>          | - 18°C                                    |
| <b>Solubility in water</b> | Negligible                                |
| <b>Density</b>             | 0.840                                     |

**SECTION 10. STABILITY AND REACTIVITY**

|   |   |
|---|---|
| <b>Chemical stability</b>               | Stable under normal conditions                                      |
| <b>Conditions to avoid</b>              | Avoid extreme heat.   |
| <b>Incompatible materials</b>           | Strong oxidizing agents, Flammable liquids and Corrosive materials. |
| <b>Hazardous decomposition products</b> | Carbon monoxide (CO)  |
| <b>Hazardous reactions</b>              | No hazardous polymerization will occur                              |

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Halogens:** None  
**Carcinogens:** None

**Inhaled:** Inhalation of mists and aerosols may produce respiratory irritation and coughing. Inhalation of high concentrations may lead to respiratory collapse.

**Skin contact:** Non irritant

**Eyes contact:** Mild irritant

**Swallowed:** May cause stomach upset.

**SECTION 12. ECOLOGICAL INFORMATION**

No data available for this product.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods and containers** Dispose of waste according to federal, EPA and state regulations  
**Special precautions for landfill or incineration** Do Not incinerate or puncture aerosol cans.  
Bury residues and emptied cans at an approved site.

**SECTION 14. TRANSPORT INFORMATION**

**UN Number** 1950  
**UN Proper shipping name** Aerosols  
**Class** 2.1  
**Subsidiary risk** None  
**Packing Group** None allocated  
**Special precautions for user** Use in well ventilated work areas.  
**Hazchem Code** 2YE

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

**Australia:** Type A Lubricant – Instrument of Approval is freely available on request.  
**KOSHER Certificate** –DZH – PBQH 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 2<sup>nd</sup> edition [NOHSC:2001(2003)].

**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**