Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name **LANOX-mx4**

Manufacturers Code 00101 – 300 g Aerosol

Recommended Use Heavy duty - Anti-corrosion – Lanolin based lubricant

Company Name
Address
CANDAN INDUSTRIES PTY LTD
65 Chetwynd Street
LOGANHOLME Q 4129
AUSTRALIA

Emergency Tel 0439 788 748 (5 p.m. – 8 a.m.) weekdays. 24 Hours weekends and Public Holidays.

Phone 07 3209 8733
Fax 07 3209 8744

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification 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.

Risk Phrases R12 Extremely flammable

Safety Phrases S2 Keep out of reach of children
S9 Keep container in a well ventilated place
S16 Keep away from sources of ignition.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

SECTION 4. FIRST AID MEASURES

Swallowed	Do not induce vomiting, give 1 to 2 glasses of water to drink. Seek medical attention.
Eye	Irrigate thoroughly with water, if irritation occurs, seek medical advice.
Skin	Wash area with soap and water. Remove contaminated clothes and launder before reuse.
Inhaled	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.
First Aid Facilities	No special facilities required
Aggravated medical conditions caused by exposure.	None known.
Chronic Health Effects	Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher	Foam, Carbon dioxide and dry chemical powder.
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	2YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Use in a well ventilated area. Do not store or use in confined spaces.
Conditions for safe storage including any incompatibilities	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. Store away from incompatible materials such as oxidising materials, flammable liquids and corrosive materials.

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	
Butane	800	1900	-	-	<30%
Propane	-	-	-	-	< 10%

Biological Limit Values No biological limit allocated

Engineering Controls Use in well ventilated areas.

Personal Protective Equipment

Eyes. Very mild irritant – normal industrial eye protection practices are recommended
Hands/Feet Safety footwear.
Skin Non irritant. Good personal hygiene recommended.
Respirator No special requirements under ordinary conditions of use and with adequate ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Tan liquid
Odour Faint lanolin odour
pH Not applicable
Dielectric 26
Flammability Limits LEL – Not known
UEL – not known
Flashpoint 179°C when propellant gas has dissipated.
Pour Point - 26°C
Solubility in water Negligible
Density 0.8461

SECTION 10. STABILITY AND REACTIVITY

Chemical stability Stable under normal conditions
Conditions to avoid Avoid extreme heat.
Incompatible materials Strong oxidizing agents, flammable liquids and corrosive materials.
Hazardous decomposition products Carbon monoxide (CO)
Hazardous reactions 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

Poison Schedule Not scheduled

SECTION 16. OTHER INFORMATION

Date of Preparation: January 2015

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 2nd 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