



LANOX-mx4 aerosol

Material Safety Data Sheet

Prepared to U.S.OSHA Directives.

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

Supplier Name Candan Industries USA LL
Address 411 Walnut Street #6251
Greencove Springs FL 32043
Emergency Tel Justin McCartney 904-508-2094
Phone 904 284 2401
Fax 904 284 2983

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous according to the criteria of OSHA Directives
Classified as a Dangerous Good.

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 determine 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.



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First Aid Facilities
Aggravated medical conditions caused by exposure.
Chronic Health Effects

No special facilities required
None known.

Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher
Hazards from combustion products
Special protective precautions and equipment for fire fighters
Hazchem code

Foam, Carbon dioxide and dry chemical powder.
Carbon monoxide (CO)

Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.

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
Conditions for safe storage including any incompatibilities

Use in a well ventilated area. Do not store or use in confined spaces.

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/m³	STEL ppm	STEL mg/m³	
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.
Other 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

Mode	Shipping Name	Hazard Cass	Number
D.O.T Ground	Consumer Commodity	ORM-D	UN1950
IMDG	Aerosol Dangerous goods in Limited Quantities	2	UN1950

SECTION 15. REGULATORY INFORMATION

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory

Section 313 Toxic Chemicals: this product contains the following chemicals subject to SARA Title III
Section 313 Reporting requirements: None
Section 302 Extremely Hazardous Substances (TPQ): None

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product does not contain chemicals regulated under California Proposition 65

VOC Regulations: This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

Poison Schedule Not scheduled

SECTION 16. OTHER INFORMATION

Date of Preparation: October 2013

Contact Person

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NFPA Ratings: (National Fire Protection Association)

Health – 0
Flammability – 2
Reactivity - 0

Literature references.

The National Institute for Occupational Safety and Health

NIOSH Pocket guide to chemical hazards. <http://www.cdc.gov/niosh/npg/npgdcas.html>

United States National library of Medicine, National Institutes of Health:

<http://www.nlm.nih.gov/nlmhome.html>

TOXNET – Databases on toxicology, hazardous chemicals. environmental health and toxic releases.

<http://toxnet.nlm.nih.gov/cgi-bin/sis/search>

Abbreviations:

OSHA Occupational Safety & Health Administration
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