

SAFETY DATA SHEET

INOX MX5 PLUS AEROSOL

Infosafe No.: MTHUV
ISSUED Date : 31/10/2021
ISSUED by: CANDAN INDUSTRIES PTY. LTD

1. Identification

GHS Product Identifier

INOX MX5 PLUS AEROSOL

Product Code

00501 (300 g)

Company name

CANDAN INDUSTRIES PTY. LTD

Address65 Chetwynd St Loganholme
QLD 4129 AUSTRALIA**Telephone/Fax Number**

Tel: (07) 3209 8733

Fax: (07) 3209 8744

Emergency phone number

(A/HR) 0439 788 748 | 13 11 26 from anywhere in Australia

Recommended use of the chemical and restrictions on use

Product Use: Food grade anti-corrosion extreme pressure lubricating oil

Other Names

Name	Product Code
INOX MX5 PLUS AEROSOL	00501 (300 g)

Additional Information

Chemical nature: Lubricant aerosol

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

2. Hazard Identification

GHS classification of the substance/mixture

Flammable Aerosol: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

H223 Flammable aerosol.

H229 Pressurized container: may burst if heated.

Pictogram (s)

Flame



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Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P362 Take off contaminated clothing and wash before reuse.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P372 Explosion risk in case of fire.
P381 Eliminate all ignition sources if safe to do so.
P370+P378 In case of fire: Use carbon dioxide, foam. Water fog or fine spray is the preferred medium for large fires/ for extinction.

Precautionary statement – Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P402 Store in a dry place.
P403 Store in a well-ventilated place.

Precautionary statement – Disposal

P501 If they can not be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS).

Other Information

Statement of Hazardous Nature

This product is classified as: Hazardous according to the criteria of SWA.

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

Emergency Overview

Physical Description & Colour: Aerosol, dispensed product is a clear light tan liquid

Odour: Mild odour.

Major Health Hazards: no significant risk factors have been found for this product.

3. Composition/information on ingredients

Information on Composition

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Ingredients

Name	CAS	Proportion
butane	106-97-8	<30 %
propane	74-98-6	<10 %
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	0.1-5 %
Other non hazardous ingredients	Secret	To 100%
Mineral spirit	64742-47-8	<5 %

4. First-aid measures

First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation

No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Ingestion

If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Skin

Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Eye contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed, while holding the eyelid(s) open. Obtain medical advice immediately if irritation occurs. Take special care if exposed person is wearing contact lenses.

5. Fire-fighting measures

Suitable Extinguishing Media

Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Specific Methods

If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Specific Hazards Arising From The Chemical

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Hazchem Code

2YE

6. Accidental release measures

Emergency Procedures

Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

7. Handling and storage

Precautions for Safe Handling

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8(Exposure Controls/Personal Protection) of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10(Stability and Reactivity).

Conditions for safe storage, including any incompatibilities

Store in a cool (below 30°C), well ventilated area. Protect from direct sunlight. Make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you are probably required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Occupational exposure limit values

Ingredients: Butane

TWA (mg/m³): 1900

STEL (mg/m³): not set

Ingredients: Propane

TWA (mg/m³): not set

STEL (mg/m³): not set

Ingredients: Mineral spirit

TWA (mg/m³): not set

STEL (mg/m³): not set

Ingredients: Distillates (petroleum), solvent-refined heavy paraffinic

TWA (mg/m³): not set

STEL (mg/m³): not set

Ingredients: Other non hazardous ingredients

TWA (mg/m³): not set

STEL (mg/m³): not set

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SWA Exposure Limits: Butane

TWA (mg/m³): 1900

STEL (mg/m³): not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Appropriate engineering controls

Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

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Respiratory Protection

Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise, not normally necessary.

Eye Protection

Eye protection such as protective glasses or goggles is recommended when this product is being used.

Personal Protective Equipment

Protective Material Types: There is no specific recommendation for any particular protective material type.

Body Protection

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Aerosol - Liquid	Appearance	Aerosol, dispensed product is a clear light tan liquid
Odour	Mild odour.	Boiling Point	Not available.
Solubility in Water	Negligible.	Specific Gravity	0.840 (dispensed product)
pH	No data.	Vapour Pressure	No data.
Vapour Density (Air=1)	No data.	Evaporation Rate	No data.
Coefficient Water/Oil Distr.	No data.	Odour Threshold	No data.
Volatile Component	No data.	Flash Point	Propellant is flammable. Dispensed product has a flash point of 182°C when propellant gas has dissipated.
Flammability	Flammability Class: No data.	Auto-Ignition Temperature	No data.
Flammable Limits - Lower	<4%	Flammable Limits - Upper	Not available
Melting/Freezing Point	-18°C		

Other Information

Volatility: No data.

10. Stability and reactivity

Reactivity

This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid

Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed. Protect this product from light.

Incompatible materials

Incompatibilities: strong oxidising agents, flammable liquids, corrosive materials.

Hazardous Decomposition Products

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Hazardous Polymerization

This product will not undergo polymerisation reactions.

11. Toxicological Information

Toxicology Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

Ingredient: Propane

Flammable gas - category 1

Gas under pressure

Ingredient: Mineral Spirit

Aspiration hazard - category 1

Ingredient: Butane

Flammable gas – category 1

Gases under pressure

Ingestion

Short Term Exposure: Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Inhalation

Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin

Short Term Exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye

Short Term Exposure: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Carcinogenicity

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

12. Ecological information

Ecological information

Insufficient data to be sure of status.

13. Disposal considerations

Disposal considerations

Disposal: Aerosol containers can be disposed of in household waste or, in some areas, recycled, when empty. If it is necessary to dispose of unused product, or containers which are not empty, a specialist waste disposal company should be used. Never crush, puncture or burn aerosol containers, even when empty.

14. Transport information

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

IERG Number

49

UN Number (Air Transport, ICAO)

1950

IATA/ICAO Proper Shipping Name

Aerosols, flammable

IATA/ICAO Hazard Class

2.1

IMDG UN No

1950

IMDG Proper Shipping Name

AEROSOLS

IMDG Hazard Class

2.1

Other Information

Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

UN Number: 1950, AEROSOLS

Hazchem Code: 2YE

Special Provisions: 63, 190, 277, 327, 344, 381

Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.

Dangerous Goods Class: Class 2.1: Flammable gases.

Packing Group: Not set

Packing Instruction: P207, LP200

Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

15. Regulatory information

Poisons Schedule

N/A

Australia (AICS)

All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Other Information

New Zealand:

HSR002515 Aerosols (Flammable) Group Standard 2020

16. Other Information

User Codes

User Title Label	User Codes
Wis Numbers	06619603

Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICS: Australian Inventory of Chemical Substances

SWA: Safe Work Australia, formerly ASCC and NOHSC

CAS number: Chemical Abstracts Service Registry Number

Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially firefighters

IARC: International Agency for Research on Cancer

NOS: Not otherwise specified

NTP: National Toxicology Program (USA)

R-Phrase: Risk Phrase

SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons

UN Number: United Nations Number

Please read all labels carefully before using product.

Australia:

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

New Zealand

HSNO Approved Code of Practice: Preparation of Safety Data Sheets. New Zealand Chemical Industry Council September 2006.

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown. Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS

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