



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 08.08.2013

Revision: 06.08.2013

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: PENETRATING LUBRICANT**Product Code:** AER-IXL**Recommended Use of the Chemical and Restriction on Use:**

Penetrating lubricant to free up gummed-up parts, loosen bolts, and to lubricate hard to reach places.

Details of Manufacturer or Importer:IXL Premium Lubricants Australia Pty Ltd
348 Rio Vista Blvd
Mermaid Waters Qld 4218**Phone Number:** 1800 IXL OIL (1800 495 645)**Emergency telephone number:** 13 11 26

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

GHS02 flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Label Elements**Signal Word** Danger**Hazard Statements**H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H304 May be fatal if swallowed and enters airways.**Precautionary Statements**P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P251 Pressurized container: Do not pierce or burn, even after use.
P211 Do not spray on an open flame or other ignition source.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

64742-47-8	Distillates (petroleum), hydrotreated light Flam. Liq. 3, H226; Asp. Tox. 1, H304	30-40%
74-98-6	Propane Flam. Gas 1, H220; Press. Gas, H280	8-10%

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64742-48-9	Naphtha (petroleum), hydrotreated heavy	(Contd. of page 1)
	Asp. Tox. 1, H304; H227	8-10%

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and shoes. Wash affected areas with warm water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific Hazards Arising from the Chemical:

Containers may explode when heated. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard. Fire may produce irritating, corrosive and/or toxic gases.

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material (e.g. cloth, fleece). Collect the spilled material and place into a suitable container for disposal. Clean contaminated surface thoroughly. Use only non-sparking tools.

7 . HANDLING AND STORAGE

Precautions for Safe Handling:

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Use of safe work practices are recommended to avoid eye or skin contact and inhalation of gas, fumes, vapour or spray. Use only with adequate ventilation. Avoid prolonged exposure. Do not pierce or burn, even after use. Do not handle near an open flame, heat or other sources of ignition. Do not use if spray button is missing or defective.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed. Protect from direct sunlight, heat/sparks/open flames/hot surfaces. Keep away from strong oxidising agents. Do not expose to temperatures exceeding 49 °C. Keep in an area equipped with sprinklers. Keep out of the reach of children. Store locked up.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards (Safe Work Australia):

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Providing adequate ventilation. Use explosion-proof ventilating equipment.

Personal Protective Equipment (PPE):**Respiratory Protection:**

Use a Safe Work Australia approved mechanical filter/organic vapour cartridge or an air-supplied respirator If high airborne concentrations of the material are present. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Chemical resistant gloves and clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Liquid. Aerosol. Compressed liquefied gas.
Colour:	Yellow
Odour:	Oily
Odour Threshold:	No information available
pH-Value:	Not applicable
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	92.2 °C (estimated)
Flash Point:	-104.4 °C (propellant)
Flammability:	Extremely flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure at 21.1 °C:	45-65 psig
Relative Density:	0.879 (estimated)

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Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Not applicable
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available
VOC:	No information available

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: No known hazardous reactions.**Chemical Stability:** Risk of ignition.**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces, direct sunlight and temperatures above 49 °C.**Incompatible Materials:** Oxidising agents.**Hazardous Decomposition Products:** No hazardous decomposition products known.

11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****64742-48-9 Naphtha (petroleum), hydrotreated heavy**Oral LD₅₀ >5000 mg/kg (rat)Dermal LD₅₀ >3000 mg/kg (rab)**74-98-6 Propane**Inhalation LC₅₀/4 h 658 mg/l (rat)**64742-47-8 Distillates (petroleum), hydrotreated light**Oral LD₅₀ >5000 mg/kg (rat)Dermal LD₅₀ >2000 mg/kg (rabbit)Inhalation LC₅₀/4 h 5.2 mg/l (rat)**Acute Health Effects****Inhalation:** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.**Skin:** Irritating to skin.**Eye:** Contact with eyes may cause irritation.**Ingestion:** Exposure by ingestion of an aerosol is unlikely.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:**

Naphtha (petroleum), hydrotreated heavy is classified by Safe Work Australia as Mutagen Category 2. The classification as a mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS no. 200-753-7).

Carcinogenicity:

Naphtha (petroleum), hydrotreated heavy is classified by Safe Work Australia as Carcinogen Category 2. The classification as a carcinogen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS no. 200-753-7).

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

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Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: May be fatal if swallowed and enters airways.**Chronic Health Effects:**

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Prolonged inhalation may be harmful.

May cause central nervous system disorder involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision. May cause delayed lung damage.

Existing Conditions Aggravated by Exposure: No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:** Contains a substance which causes risk of hazardous effects to the environment.**Persistence and Degradability:** No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**13 . DISPOSAL CONSIDERATIONS****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION

UN Number	
ADG, IMDG, IATA	UN1950
Proper Shipping Name	
ADG, IMDG	AEROSOLS
IATA	AEROSOLS, flammable
Dangerous Goods Class	
ADG Class:	2.1
Packing Group:	
ADG, IMDG, IATA	Not applicable
Hazchem Code:	2YE
Special Provisions:	63, 190, 277, 327
Limited Quantities:	1L
Packagings & IBCs - Packing Instruction:	P003, LP02
Packagings & IBCs - Special Packing Provisions:	PP17, PP87, L2
Portable Tanks & Bulk Containers - Instructions:	Not applicable
Portable Tanks & Bulk Containers - Special Provisions:	Not applicable

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15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

64742-48-9	Naphtha (petroleum), hydrotreated heavy
74-98-6	Propane
64742-47-8	Distillates (petroleum), hydrotreated light

16 . OTHER INFORMATION

Creation Date: 06.08.2013**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

VOC: Volatile Organic Compounds

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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