



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 31.07.2013

Revision: 11.07.2013

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: ALL PURPOSE GREASE AEROSOL

Product Code: AER-PAPG

Recommended Use of the Chemical and Restriction on Use:

Spray grease for lubrication of machinery, vehicles, and equipment.

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.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Label Elements

Signal Word Danger

Hazard Statements

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

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P321	Specific treatment (see on this label).
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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:**

106-97-8	Butane ⚠ Flam. Gas 1, H220; Press. Gas, H280	20-30%
108-94-1	Cyclohexanone ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H332	15-20%
95-63-6	Benzene, 1,2,4-trimethyl- ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	15-20%
74-98-6	Propane ⚠ Flam. Gas 1, H220; Press. Gas, H280	8-10%
1330-20-7	Benzene, dimethyl- ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	1-3%

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance. 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 use mouth-to-mouth method if victim ingested the substance. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, dry chemical and carbon dioxide.

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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:**

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. 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):**

Note: Short-term value is STEL; Long-term value is TWA.

106-97-8 Butane

NES Long-term value: 1900 mg/m³, 800 ppm

108-94-1 Cyclohexanone

NES Long term value: 100 mg/m³, 25 ppm
Sk

1330-20-7 Benzene, dimethyl-

NES Short-term value: 655 mg/m³, 150 ppm
Long-term value: 350 mg/m³, 80 ppm

Engineering Contols:

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

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

Use a Safe Work Australia approved air respirator if airborne concentrations above the exposure standards. 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.
Colour:	Colourless
Odour:	Solvent
Odour Threshold:	No information available
pH-Value:	Not applicable
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	76.1 °C (estimated)
Flash Point:	-104.4 °C (estimated)
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:	50-65 psig
Relative Density:	0.7456 (estimated)
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. Stable at normal conditions.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: Oxidising agents.

Hazardous Decomposition Products: Oxides of nitrogen

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11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD ₅₀ /LC ₅₀ Values Relevant for Classification:		
106-97-8 Butane		
Inhalation	LC ₅₀ /4 h	658 mg/l (rat)
108-94-1 Cyclohexanone		
Oral	LD ₅₀	1535 mg/kg (rat)
Dermal	LD ₅₀	948 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	8000 mg/l (rat)
95-63-6 Benzene, 1,2,4-trimethyl-		
Oral	LD ₅₀	5000 mg/kg (rat)
1330-20-7 Benzene, dimethyl-		
Oral	LD ₅₀	4300 mg/kg (rat)
Dermal	LD ₅₀	2000 mg/kg (rabbit)

Acute Health Effects**Inhalation:**

Harmful if inhaled. Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system.

Skin: Irritating to skin.

Eye: Contact may irritate or burn eyes. Eye contact may result in corneal injury.

Ingestion:

Exposure by ingestion of an aerosol is unlikely. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause delayed lung damage.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Cyclohexanone and xylenes are classified by IARC as a Group 3 - Not classifiable as to its carcinogenicity to humans.

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

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause respiratory irritation.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

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

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

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. Liver and kidney injury may occur.

Existing Conditions Aggravated by Exposure: No information available

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12 . ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life with long lasting effects.**Aquatic toxicity:**

LC50 16.9 mg/L estimated, Fish, 96.00 Hours.

EC50 12.29 mg/L estimated, Daphnia, 48.00 Hours.

LC50 392 mg/L estimated, Algae, 72.00 Hours.

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 IATA	AEROSOLS 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

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

106-97-8	Butane
108-94-1	Cyclohexanone
95-63-6	Benzene, 1,2,4-trimethyl-
74-98-6	Propane
1330-20-7	Benzene, dimethyl-

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Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:	
1330-20-7	Benzene, dimethyl-

16 . OTHER INFORMATION

Creation Date: 11.07.2013**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
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard

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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