



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 16.08.2013

Revision: 16.08.2013

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: IXL MARINE GRADE GREASE NO.2

Recommended Use of the Chemical and Restriction on Use: Lubricating grease

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: The product is not classified according to the Globally Harmonized System (GHS).

Label Elements

Signal Word Void

Hazard Statements Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description:

Non-hazardous mixture of highly refined lubricant base oil (petroleum) 50-80% and calcium sulfonate complex thickener 10-20%. CAS numbers are confidential.

Hazardous Components: Void

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 wash affected areas with 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:

Carbon dioxide, dry chemicals, sand, dolomite, alcohol resistant foam, water spray, fog or mist.

Specific Hazards Arising from the Chemical:

Pressure will increase in over heated, closed containers. Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream. It will scatter and spread fire.

Hazardous combustion products include oxides of carbon and sulfur.

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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. Keep all sources of ignition and hot metal surfaces away from spill.

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. Collect the spilled material and place into a suitable container for disposal.

7 . HANDLING AND STORAGE**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use in a well-ventilated area.

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 acids and strong oxidising agents.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards (Safe Work Australia):**

Oil mist:

TWA: 5 mg/m³**471-34-1 calcium carbonate**NES | TWA: 10 mg/m³**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

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

Wear an approved respirator if ventilation is insufficient. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Protective gloves and protective 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.

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9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Grease
Colour:	Green-blue
Odour:	Mild (or faint) petroleum odour
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	246 °C
Flammability:	No information available
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	0.9 Vol %
Upper:	7.0 Vol %
Vapour Pressure at 20 °C:	<0.1 mmHg
Relative Density:	No information available
Vapour Density:	>5
Evaporation Rate:	<0.01 (BuAc=1)
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available
VOC:	No information available

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

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

Incompatible Materials: Oxidising agents and acids.

Hazardous Decomposition Products: Oxides of carbon and sulfur.

11 . TOXICOLOGICAL INFORMATION

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****Lubricant base oil (petroleum), highly refined**Oral LD₅₀ >5000 mg/kg (rat)Dermal LD₅₀ >2000 mg/kg (rabbit)**Calcium sulfonate complex thickener**Oral LD₅₀ >2000 mg/kg (rat) (estimated)Dermal LD₅₀ >2000 mg/kg (rabbit) (estimated)Inhalation LC₅₀ >0.5 mg/L (rat) (estimated)

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Acute Health Effects**Inhalation:**

Inhalation hazard at room temperature is unlikely due to the low volatility of this product. Heating can generate vapours that may cause respiratory irritation, nausea and headaches. Inhalation of product vapour or mist may cause irritation of mucous membranes in nasal passages and throat.

Skin: May cause skin irritation.

Eye: May cause eye irritation.

Ingestion:

If ingested, may cause stomach ache and vomiting. Aspiration into the lungs may cause pneumonitis.

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

Carcinogenicity:

1-Naphthylamine is classified by IARC as a Group 3 - Not classifiable as to its carcinogenicity to humans.

2-Naphthylamine is classified by IARC as Group 1 - Carcinogenic to humans.

2-Naphthylamine is classified by Safe Work Australia as Carcinogen Category 1.

This product may contain the chemicals listed by IARC or Safe Work Australia as carcinogen.

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

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

Chronic Health Effects: Repeated or prolonged contact can result in drying of the skin.

Existing Conditions Aggravated by Exposure: No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity: No data available on finished product.

Aquatic toxicity: No data available on finished product.

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

Not applicable

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Proper Shipping Name ADG, IMDG, IATA	Not applicable
Dangerous Goods Class ADG Class:	Not applicable
Packing Group: ADG, IMDG, IATA	Not applicable
Hazchem Code:	Not applicable
Special Provisions:	Not applicable
Limited Quantities:	Not applicable
Packagings & IBCs - Packing Instruction:	Not applicable
Packagings & IBCs - Special Packing Provisions:	Not applicable
Portable Tanks & Bulk Containers - Instructions:	Not applicable
Portable Tanks & Bulk Containers - Special Provisions:	Not applicable

15 . REGULATORY INFORMATION

16 . OTHER INFORMATION

Creation Date: 16.08.2013**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
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
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

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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