

# SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 4.02

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## 1. Identification of the material and supplier

<b>Material name:</b>	ILD High Performance Coupling Grease
<b>Other means of identification:</b>	Grease
<b>Recommended use:</b>	As lubricant for multipurpose applications.
<b>Restrictions on use:</b>	Not available
<b>Manufacturer:</b>	
<b>Supplier(Manufacturer):</b>	Lubricon
<b>Address:</b>	42 Horne St, Hoppers Crossing, VIC 3029
<b>Contact person(E-mail):</b>	<a href="mailto:enquiry@lubricon.com.au">enquiry@lubricon.com.au</a>
<b>Telephone:</b>	+61 459 451 000
<b>Fax:</b>	-
<b>Emergency number:</b>	1800 645 764
<b>Australia Supplier(Manufacturer):</b>	International Lubricant Distributors Pty. Ltd.
<b>Address:</b>	21 Logistics Bvd, Kenwick WA 6107, Australia
<b>Contact person(E-mail):</b>	-
<b>Telephone:</b>	-
<b>Fax:</b>	+61 8 9381 1788
<b>Emergency number:</b>	1300 558 939

## 2. Hazards identification

### Australia:

Not classified as Hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

### New Zealand:

Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

### GHS label elements:

<b>Hazard Pictograms:</b>	No hazard pictogram is used.
<b>Signal word:</b>	No signal word is used.
<b>Hazard statement:</b>	Not applicable.

### Precautionary statement:

<b>Prevention:</b>	Not applicable.
<b>Response:</b>	Not applicable.

**Storage:** Not applicable.  
**Disposal:** Not applicable.  
**Other hazards which do not result in classification:** Not applicable.

### 3. Composition/information on ingredients

Components	CAS No.	Percent
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpente ne	68411-46-1	<0.25%

This product is a polyethylene thickened lubricating grease based on mineral oil with additives. The mineral oils in the product contain <3% DMSO-extract (IP 346).

### 4. First aid measures

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.  
**Skin:** In the case of skin irritation or allergic reactions see a doctor. Wash skin with soap and water.  
**Eye:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.  
**Ingestion:** Rinse mouth. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.  
**Symptoms caused by exposure:** Not available.  
**Medical Attention and Special Treatment:** Treat symptomatically.

### 5. Fire-fighting measures

**Suitable extinguishing media:** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
**Extinguishing media which must not be used for safety reasons:** Use of water spray when fighting fire may be inefficient.  
**Specific hazards arising from the chemical:** Fire may produce irritating, corrosive and/or toxic gases.  
**Special protective equipment and precautions for fire fighters:** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.  
 Use personal protection equipment.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ensure adequate ventilation. Extremely slippery when spilled.  
**Environmental precautions:** See Section 12 for additional Ecological Information.  
**Methods and materials for containment:** Prevent further leakage or spillage if safe to do so. Take up sand or other non-combustible

**and cleaning up:** absorbent material and place it into containers for later disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

**Precautions for safe handling:** Avoid contact with eyes and prolonged or repeated contact with skin. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Store at temperatures not exceeding 45 °C/ 113 °F.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet

## 8. Exposure controls/personal protection

**Control parameters – exposure standards, biological monitoring:** This product, as supplied, does not contain any hazardous materials with biological limits established by the region-specific regulatory bodies.

**Exposure Levels** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

**Appropriate engineering controls:** Eyewash stations. Ventilation systems.

**Personal protective equipment:**

**Eye/face protection:** If splashes are likely to occur, wear safety glasses with side-shields. No special protective equipment required.

**Skin protection:** No special protective equipment required.

**Respiratory protection:** In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. None under normal use conditions.

**Hand protection:** Nitrile rubber. Wear suitable gloves tested to EN 374. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** Prevent product from entering drains

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance:**

**Physical state:** Paste/Gel Liquid

**Form:** Semi solid

**Color:** Brown

**Odor:** Not available

**Odour threshold:** Not available

**PH:** Not available

**Melting point/Freezing point:** Not available

**Boiling point and boiling range:** Not available

**Flash point:** > 150°C

<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Liquid density:</b>	< 1000 kg/m <sup>3</sup> @ 25 °C / 77 °F
<b>Solubility (H<sub>2</sub>O):</b>	Insoluble in water
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity, Kinematic:</b>	> 20.5mm <sup>2</sup> /s @ 40 °C
<b>Specific heat value:</b>	Not available
<b>Particle size:</b>	Not available
<b>Volatile organic compounds content:</b>	0
<b>% volatile:</b>	Not available
<b>Saturated vapour concentration:</b>	Not available
<b>Release of invisible flammable vapours and gases:</b>	Not available
<b>Additional parameters</b>	
<b>Shape and aspect ratio:</b>	Not available
<b>Crystallinity:</b>	Not available
<b>Dustiness:</b>	Not available
<b>Surface area:</b>	Not available
<b>Degree of aggregation or agglomeration:</b>	Not available
<b>Ionisation (redox potential):</b>	Not available
<b>Biodurability or biopersistence:</b>	Not available

## 10. Stability and reactivity

<b>Reactivity:</b>	Stable.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None under normal processing.
<b>Conditions to avoid:</b>	Excessive heat.
<b>Incompatible materials:</b>	Strong oxidising agents.
<b>Hazardous decomposition products:</b>	None under normal use conditions.

## 11. Toxicological information

### Toxicological data:

#### Acute toxicity:

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

**LD50(Oral, Rat):** > 5000 mg/kg bw

**LD50(Dermal, Rat):** > 2000 mg/kg

**LC50(Inhalation, Rat):** -

**Skin corrosion/Irritation:** No data available.

**Serious eye damage/irritation:** No data available.

<b>Respiratory or skin sensitization:</b>	No data available.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available.
<b>STOT- single exposure:</b>	No data available.
<b>STOT-repeated exposure:</b>	No data available.
<b>Aspiration hazard:</b>	No data available.
<b>Other information</b>	This product has no known adverse effect on human health.
<b>Information on routes of exposure</b>	No data available.
<b>Symptoms related to exposure</b>	No data available.
<b>Numerical measures of toxicity</b>	No data available.
<b>Immediate, delayed and chronic health effects from exposure</b>	No data available.
<b>Acute toxicity:</b>	
<b>ATEmix (oral)</b>	5408.6 mg/kg
<b>ATEmix (dermal)</b>	2486.1 mg/kg

## 12. Ecological information

### Ecotoxicity:

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	> 100 mg/L	96h	Fish	Danio rerio	N/A	N/A

<b>Persistence and degradability:</b>	Not readily biodegradable.
<b>Bioaccumulative potential:</b>	Material does not bioaccumulate.
<b>Mobility in soil:</b>	After release, adsorbs onto soil.
<b>Other adverse effects:</b>	No information available.

## 13. Disposal considerations

<b>Safe handling and disposal methods:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to industrial incineration plant. Should not be released into the environment. Use personal protection recommended in Section 8.
<b>Disposal of any contaminated packaging:</b>	<p><b>Australia:</b> The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.</p> <p><b>New Zealand:</b> <b>Product Disposal</b> Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as</p>

specified in the same section must be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

#### **Container Disposal**

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service. Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous. In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

## **14. Transport information**

#### **Australia:**

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

#### **New Zealand:**

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

#### **U.N. Number**

None Allocated

#### **Proper Shipping Name**

None Allocated

#### **DG Class**

None Allocated

#### **Packing Group**

None Allocated

## **15. Regulatory information**

**Water hazard class (WGK):** slightly hazardous to water (WGK 1)

**European Union:** Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

### **Safety, health and environmental regulations specific for the product in question**

#### **Australia:**

Not classified as Hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC), Australia.  
 Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

**New Zealand:**

Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

**Australia HVIC: Listed substance**

Not available.

**New Zealand Location Test Certificate**

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations a location test certificate is required when quantity greater than or equal to those indicated below are present.

Hazard Class	Quantity beyond which controls apply for closed containers	Quantity beyond which controls apply when use occurring in open containers
Not Applicable	Not Applicable	Not Applicable

**New Zealand Approved Handler**

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

Class of substance	Quantities
Not Applicable	Not Applicable

**International Inventories**

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Complies
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List	Complies
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances	Complies
REACH	Registration, Evaluation, Authorization, and Restriction of Chemicals Regulation (EC 1907/2006)	Complies
ENCS	Japan Existing and New Chemical Substances	-
IECSC	China Inventory of Existing Chemical Substances	Complies
KECL	Korean Existing and Evaluated Chemical Substances	Complies
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Complies
AiIC	Australian Inventory of Industrial Chemicals	Complies
NZIoC	New Zealand Inventory of Chemicals	Complies
TSCI	Taiwan Chemical Substance Inventory	Complies

**16. Other information**

<b>Indication of changes:</b>	Version 4.02
<b>Date of preparation or review:</b>	2024.05.05
<b>Key abbreviations or acronyms used:</b>	CAS: Chemical Abstracts Service LC50: Lethal Concentration 50 EC50: Concentration for 50% of maximal effect LD50: Lethal dose 50% MAC: maximum allowable concentration, (MAC) PC-TWA: permissible concentration-time weighted average

PC-STEL: permissible concentration-short term exposure limit

**Reference**

**Australia:**

Standard for the Uniform Scheduling of Medicines and Poisons.

Approved criteria for classifying hazardous substances [NOHSC: 1008(2004)].

National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC: 2011(2003)].

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH)

**New Zealand:**

Workplace Exposure Standards and Biological Exposure Indices

Transport of Dangerous goods on land NZS 5433.

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 0906).

Assigning a hazardous substance to a group standard.

American Conference of Industrial Hygienists (ACGIH)

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.