

Safety data sheet

Version: 02.00/AUS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: LHRP 2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Corrosion inhibitor

1.3. Details of the supplier of the safety data sheet

Distributor: SKF Australia Pty Ltd
17 - 21 Stamford Rd
3166 Oakleigh, VICTORIA
Australia
Tel: (03) 9269 0800
Fax: (03) 9269 0886
Email: SKF.australia@skf.com

1.4. Emergency telephone number

Poisons Information Centre: 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-classification

The product shall not be classified as hazardous according to the national classification and labelling rules.

Most serious harmful effects:

2.2. Label elements

The product shall not be classified as hazardous according to the national classification and labelling rules.

Supplemental information:

Repeated exposure may cause skin dryness or cracking. Safety data sheet available on request.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC No.	Substance	w/w%	Note
01-2119456 620-43	926-141-6 .	Distillates (petroleum), hydro treated light	30-100 .	. .
01-211946717 0-45	64742-52-5 265-155-0	Distillates (petroleum), hydrotreated heavy naphthenic	10-30 .	. .
01-211948928 4-28	64742-61-6 265-165-5	Slack wax (petroleum)	1-5 .	. .
05-211464811	64742-46-7	Distillates (petroleum), hydrotreated	1-5	.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Other information:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Degreases and dries the skin. Repeated exposure may cause skin dryness or cracking.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Sulphur oxides.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. HazChem code: 2Z (White Z on black background).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stop leak if this can be done without risk. Wear gloves. Wear safety goggles. Provide good ventilation. In case of insufficient ventilation, wear respiratory protective equipment.
For emergency responders:	In addition to the above: Normal protective clothing is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Work under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not store with the following: Strong oxidisers. Keep in tightly closed original packaging. Storage temperature: 4-40 °C.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Legal basis: Workplace exposure standards for airborne contaminants. (date of effect: 18 April 2013)
Contains no substances subject to reporting requirements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash.

Personal protective equipment, skin protection: Wear gloves. Type of material: Nitrile rubber.

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear respiratory protective equipment. Filter type: A. P2.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellowish brown

Odour: Characteristic

Odour threshold: No data

pH (solution for use): No data

pH (concentrate): No data

Melting point/freezing point: No data

Initial boiling point and boiling range: > 150 °C

Flash point: 65 °C

Evaporation rate: No data

Flammability (solid, gas): No data

Upper/lower flammability limits: No data

Upper/lower explosive limits: No data

Vapour pressure: No data

Vapour density: No data

Relative density: 0,835 g/cm³ (15°C)

Solubility: Insoluble in the following: Water.

Partition coefficient n-octanol/water: No data

Auto-ignition temperature: No data

Decomposition temperature: No data

Viscosity: 25 mm²/s (40°C)

Explosive properties: Non-explosive

Oxidising properties: Non-oxidising.

9.2. Other information

Pour point: 15 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following

toxic gases can be formed: Carbon monoxide and carbon dioxide. Sulphur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Rat: LD50 = >2000 mg/kg
Acute toxicity - dermal:	Can be absorbed through the skin causing symptoms such as dizziness and headache. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Rabbit: LC50 = >2000 ml/kg
Acute toxicity - inhalation:	The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Rat: LC50 (4 h - Vapour) = >20 mg/l
Skin corrosion/irritation:	The product does not have to be classified. Degreases the skin. Long-term exposure may cause irritation and possible infection. Test data are not available.
Serious eye damage/eye irritation:	May cause eye irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

SECTION 12: Ecological information

12.1. Toxicity

The product contains small quantities of environmentally hazardous substances. The product does not have to be classified. The product has been tested.
Fish: 96hLC50 = >100 mg/L
Crustacea: 48hEC50 = >100 mg/L
Algae: 72hEC50 = >100 mg/L

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Other adverse effects

Oil products may cause soil and water pollution.
German water pollution classification (WGK): 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Contact the local authorities.

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number

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14.2. UN proper shipping name

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14.3. Transport hazard class(es)

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14.4. Packing group

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14.5. Environmental hazards

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14.6. Special precautions for user

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: None.

SECTION 16: Other information

Changes have been made in the following sections: 1-16

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with WHS regulations.

Revision: 08-04-2015

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