

SAFETY DATA SHEET

Revision date: 04/07/2023

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

1.1 Product identifier

Product Name : Benzlube Lithium EP 2 Grease (Blue)

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

Use of substance/mixture : PC24: Lubricants, greases, release products.

1.3 Details of the supplier

Company Name : Barrels n Litres Pte Ltd
No 13 Joo Koon Crescent
Singapore 629021

Tel : 6863 4622

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP : This product has no classification under CHIP.

Classification under CHIP : This product has no classification under CHIP.

2.2 Label elements

Label elements : This product has no label elements.



Hazard pictogram :

Signal word : Warning

2.3 Other hazards

PBT : This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2 Mixtures

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact : Wash immediately with plenty of soap and water.

Eye contact	:	Bathe the eye with running water for 15 minutes.
Ingestion	:	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
Inhalation	:	Not applicable.

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

Skin contact	:	There may be mild irritation at the site of contact.
Eye contact	:	There may be irritation and redness.
Ingestion	:	There may be irritation of the throat.
Inhalation	:	Not applicable.
Delay/immediate effects	:	Continuous skin contact may cause skin sensitivity and dermatitis.

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

Immediate/special treatment	:	No data available.
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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media	:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
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5.3. Advice for fire-fighters

Advice for fire-fighters	:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Refer to section 8 of SDS for personal protection details. Turn leaking containers leakerside up to prevent the escape of liquid.
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6.2. Environmental precautions

Environmental precautions	:	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures	:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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6.4. Reference to other sections

Reference to other sections : Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements : Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging : Not applicable.

7.3. Specific end use(s)

Specific end use(s) : PC24: Lubricants, greases, release products.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits : No data available.

DNEL/PNEC Value

DNEL/PNEC : No data available.

8.2. Exposure controls

Engineering measures : Not applicable.

Respiratory protection : Respiratory protection not required.

Hand protection : Protective gloves.

Eye protection : Safety glasses.

Skin protection : Protective clothing.

Environmental : No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State : Grease

NLGI : 2.5

Colour : Blue

Odour : Odourless

Solubility in water : Insoluble

Melting point/range °C : >200

Flash Point °C : >200

Autoflammability °C : >200

Relative density : 0.93

9.2. Other information

Other information : Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity : Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid : Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid : Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products

Haz. decomp. products : In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effect

Toxicity values : No data available.

Symptoms / routes of exposure

Skin contact : There may be mild irritation at the site of contact.

Eye contact : There may be irritation and redness.

Ingestion : There may be irritation of the throat.

Inhalation : Not applicable.

Delayed/immediate effects : Continuous skin contact may cause skin sensitivity and dermatitis.

Other information : Not applicable.

Section 12: Ecological Information

12.1. Toxicity

Ecotoxicity values : No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

12.3. Bioaccumulative potential

Bioaccumulative potential : Slightly bioaccumulable.

12.4. Mobility in soil

Mobility : Insoluble in water. Floats on water. Absorbed only slowly into soil.

12.5. Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects : Negligible ecotoxicity.

Section 13: Transport information

13.1. Waste treatment methods

Disposal operations : Transfer to a suitable container and arrange for collection by specialized disposal.

Recovery operations : Not applicable.

Disposal of packaging : Dispose of as normal industrial waste.

NB : The user's attention is drawn to the possible existence of regional or national.

Section 14: Transport information

Transport class : This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations : Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other Information : This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

Phrases used in s.2 & s.3 : H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R40: Limited evidence of a carcinogenic effect.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53: May cause long-term adverse effects in the aquatic environment

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legend to abbreviations :

PNEC = predicted no effect level.

DNEL = derived no effect level.

LD50 = median lethal dose.

LC50 = median lethal concentration.

EC50 = median effective concentration.

IC50 = median inhibitory concentration.

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

The information contained in this Safety Data Sheet is intended to assist in the use of the above product without risk to safety or health and is based on current knowledge and experience. This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.