



SAFETY DATA SHEET

Conforms to Commission Regulation (EU) 2020/878

Grease Lithium

Version 2

Print Date 25/04/2025

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Grease Lithium EP2 400g cartridge

ref: SGPG02

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 of the safety data sheet

Silverhook Ltd
Unit 14 Bates Road
Harold Wood, London, United Kingdom
RM3 0JH
Tel.: +44 (0) 1708330500
Fax.: +44 (0) 1708330504
Email: 522@silverhook.co.uk
Responsible person email: 522@silverhook.co.uk

1.4. Emergency telephone number

+44 (0) 1708330500 (during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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Non-classified ingredients:

MINERAL OIL - REACH registered number(s): 01-2119495601-36

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-169-7	64742-65-0	-	-	70-90%

MEDIUM VISCOSITY MINERAL OIL

-	64742-62-7	-	-	10-30%
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LITHIUM 12 HYDROXY STEARATE

231-536-5	7620-77-1	-	-	1-10%
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PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYLAND ISO-BU AND ISO-PR) ESTERS, ZINC SALTS

288-917-4	85940-28-9	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411	<1%
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SULPHURISED VEGETABLE FATTY ACID ESTER AND HYDROCARBONS POLYMER

-	NON REGULATO RY	-	-	<1%
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SULPHURISED ESTER

-	-	-	-	<1%
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DICALCIUM PHOSPHATE ANHYDROUS

231-826-1	7757-93-9	-	-	<1%
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BITUMINOUS PRIME COAT

-	-	-	-	<1%
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BUTYL GLYCOL - REACH registered number(s): 01-2119475108-36

203-905-0	111-76-2	-	Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332	<1%
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METHYL-1H BENZOTRIAZOLE

249-596-6	29385-43-1	-	Aquatic Chronic 2: H411; Acute Tox. 4: H302	<1%
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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. Seek medical attention if irritation persists.

Ingestion

Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation

Not applicable.

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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.

Delayed / immediate effects

No data available.

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

Immediate / special treatment

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards

In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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.

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 leak- side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

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.

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.

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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 Values

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. Ensure eye bath is to hand.

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

Colour: Brown

Odour: Odourless

Solubility in water: Insoluble

Melting point/range°C: >100

Flash point°C: >200

Autoflammability°C: >250

Relative density: 0.91

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.

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10.4. Conditions to avoid

Conditions to avoid

Heat. Flames.

10.5. Incompatible materials

Materials to avoid

Strong oxidising 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 effects

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

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

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity values

No data available.

12.2. Persistence and degradability

Persistence and degradability

No data available.

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12.3. Bioaccumulative potential

Bioaccumulative potential

No data available.

12.4. Mobility in soil

Mobility

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

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations

Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging

Arrange for collection by specialised disposal company.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H302+H312: Harmful if swallowed or in contact with skin

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H411: Toxic to aquatic life with long lasting effects.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.