



SAFETY DATA SHEET

PRO-GUARD 460 CX2 GREASE

Page: 1

Compilation date: 21/10/2016

Revision date: 06/02/2024

Revision No: 2

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

1.1. Product identifier

Product name: PRO-GUARD 460 CX2 GREASE

Product code: 60640

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

Company name: Rock Oil

Malone House

90 Priestley Street

Warrington

Cheshire

WA5 1ST

United Kingdom

Tel: +44 (0)1925 636191

Email: mail@rockoil.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)1925 636191

(8am-5pm Mon-Fri except Bank Holidays)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Skin Sens. 1B: H317

Most important adverse effects: May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

[cont...]

SAFETY DATA SHEET

PRO-GUARD 460 CX2 GREASE

Page: 2

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P321: Specific treatment (see supplemental first aid instruction on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS - REACH registered number(s): 01-2119492627-25-0001

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|---------------------|---------|
| 271-529-4 | 68584-23-6 | - | Skin Sens. 1B: H317 | 1-10% |

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS - REACH registered number(s): 01-2119488992-18-0001

| | | | | |
|-----------|------------|---|---------------------|-------|
| 263-093-9 | 61789-86-4 | - | Skin Sens. 1B: H317 | 1-10% |
|-----------|------------|---|---------------------|-------|

BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS - REACH registered number(s): 01-2119492616-28-0004

| | | | | |
|-----------|------------|---|---------------------|-------|
| 274-263-7 | 70024-69-0 | - | Skin Sens. 1B: H317 | 1-10% |
|-----------|------------|---|---------------------|-------|

BUTYLATED HYDROXYTOLUENE - REACH registered number(s): 01-2119565113-46-XXXX

| | | | | |
|-----------|----------|---|--|-----|
| 204-881-4 | 128-37-0 | - | Aquatic Acute 1: H400; Aquatic Chronic 1: H410 | <1% |
|-----------|----------|---|--|-----|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

[cont...]

SAFETY DATA SHEET
PRO-GUARD 460 CX2 GREASE

Page: 3

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: 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. Avoid the formation or spread of dust in the air.

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): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

[cont...]

SAFETY DATA SHEET

PRO-GUARD 460 CX2 GREASE

Page: 4

Hazardous ingredients:

BUTYLATED HYDROXYTOLUENE

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK | 10 mgm3 | - | - | - |

DNEL/PNEC Values

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS

| Type | Exposure | Value | Population | Effect |
|------|------------|-------------|------------|----------|
| DNEL | Inhalation | 11.75 mg/M3 | Workers | Systemic |
| DNEL | Dermal | 3.33 mg/kg | Workers | Systemic |
| DNEL | Dermal | 1.03 mg/cm2 | Workers | Systemic |

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS

| Type | Exposure | Value | Population | Effect |
|------|------------|-------------|------------|----------|
| DNEL | Inhalation | 11.75 mg/M3 | Workers | Systemic |
| DNEL | Dermal | 3.33 mg/kg | Workers | Systemic |
| DNEL | Dermal | 1.03 mg/cm2 | Workers | Systemic |

BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS

| Type | Exposure | Value | Population | Effect |
|------|------------|-------------|------------|----------|
| DNEL | Inhalation | 11.75 mg/M3 | Workers | Systemic |
| DNEL | Dermal | 3.33 mg/kg | Workers | Systemic |
| DNEL | Dermal | 1.03 mg/cm2 | Workers | Systemic |

BUTYLATED HYDROXYTOLUENE

| Type | Exposure | Value | Population | Effect |
|------|------------|------------|------------|----------|
| DNEL | Inhalation | 1.76 mg/m3 | Workers | Systemic |
| DNEL | Dermal | 0.5mg/kg | Workers | Systemic |
| DNEL | Inhalation | 0.435mgm3 | Consumers | Systemic |
| DNEL | Dermal | 0.25mg/kg | Consumers | Systemic |
| DNEL | Oral | 0.25mg/kg | Consumers | Systemic |

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

[cont...]

SAFETY DATA SHEET
PRO-GUARD 460 CX2 GREASE

Page: 5

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Tan

Odour: Characteristic odour

Evaporation rate: No data available.

Solubility in water: Insoluble

Melting point/range°C: >250C

Flash point°C: >150C

Autoflammability°C: No data available.

Relative density: No data available.

pH: Not applicable.

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.

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.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

[cont...]

SAFETY DATA SHEET

PRO-GUARD 460 CX2 GREASE

Page: 6

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS

| | | | | |
|--------|-----|------|--------|-------|
| DERMAL | RBT | LD50 | >5,000 | mg/kg |
| ORAL | RAT | LD50 | >5,000 | mg/kg |

BUTYLATED HYDROXYTOLUENE

| | | | | |
|--------|-----|------|--------|-------|
| DERMAL | RAT | LD50 | >2,000 | mg/kg |
| ORAL | RAT | LD50 | >2,930 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|--------------------------------|-------|-----------------------|
| Respiratory/skin sensitisation | - | Hazardous: calculated |

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

BENZENESULFONIC ACID, C10-16-ALKYL DERIVS., CALCIUM SALTS

| | | | |
|--|----------|--------|------|
| ALGAE | 48H EC50 | >100 | µl/l |
| Daphnia magna | 48H EC50 | >100 | ml/l |
| SHEEPSHEAD MINNOWS (Cyprindodon variegat | 96H LC50 | 10,000 | ml/l |

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS

| | | | |
|--|----------|--------|------|
| ALGAE | 48H EC50 | >100 | µl/l |
| Daphnia magna | 48H EC50 | >100 | ml/l |
| SHEEPSHEAD MINNOWS (Cyprindodon variegat | 96H LC50 | 10,000 | ml/l |

BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS

| | | | |
|--|----------|--------|------|
| ALGAE | 48H EC50 | >100 | µl/l |
| Daphnia magna | 48H EC50 | >100 | ml/l |
| SHEEPSHEAD MINNOWS (Cyprindodon variegat | 96H LC50 | 10,000 | ml/l |

[cont...]

SAFETY DATA SHEET
PRO-GUARD 460 CX2 GREASE

Page: 7

BUTYLATED HYDROXYTOLUENE

| | | | |
|--|-----------|-------|------|
| Daphnia magna | 48H EC50 | 0.48 | mg/l |
| GREEN ALGA (Selenastrum capricornutum) | 72H ErC50 | 0.24 | mg/l |
| ZEBRAFISH (Brachydanio rerio) | 96H LC50 | >0.57 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed 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: Disposal considerations

13.1. Waste treatment methods

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

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 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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

[cont...]

SAFETY DATA SHEET
PRO-GUARD 460 CX2 GREASE

Page: 8

| |
|--------------------------|
| Other information |
|--------------------------|

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: H317: May cause an allergic skin reaction.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.