



SAFETY DATA SHEET

Grease and Carbon

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

1.1. Product identifier

Product name Grease and Carbon

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

Identified uses Degreaser

1.3. Details of the supplier of the safety data sheet

Supplier
Rozone
Queen Street
Darlaston
Wednesbury
West Midlands
UK
WS10 8JF
Tel: +44 (0)121 526 8181
Fax: +44 (0)121 526 8182
info@rozone.co.uk

1.4. Emergency telephone number

Emergency telephone Rozone: 0121 526 8181 (Mon - Fri, 09:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Skin Corr. 1A - H314 Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.

Grease and Carbon

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| Precautionary statements | <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> |
| Contains | SODIUM HYDROXIDE, Potassium Hydroxide |
| Detergent labelling | < 5% amphoteric surfactants, < 5% phosphonates |
| Supplementary precautionary statements | <p>P260 Do not breathe vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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| SODIUM HYDROXIDE | 15-30% |
| CAS number: 1310-73-2 | EC number: 215-185-5 |
| Classification | |
| Skin Corr. 1A - H314 | |
| Eye Dam. 1 - H318 | |
| Potassium Hydroxide | 5-10% |
| CAS number: 1310-58-3 | EC number: 215-181-3 |
| Classification | |
| Acute Tox. 4 - H302 | |
| Skin Corr. 1A - H314 | |
| Eye Dam. 1 - H318 | |
| BETA-ALANINE, N-(2-CARBOXYETHYL)-N-DODECYL | 1-5% |
| CAS number: 3655-00-3 | |
| Classification | |
| Eye Irrit. 2 - H319 | |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical attention immediately.

Grease and Carbon

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| Inhalation | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| Ingestion | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| Skin contact | Rinse cautiously with water for several minutes. Remove contaminated clothing. |
| Eye contact | Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. May cause permanent damage if eye is not immediately irrigated. |

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

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| Inhalation | Coughing, chest tightness, feeling of chest pressure. Irritation. |
| Ingestion | Pain. Burning sensation in mouth. Gastrointestinal symptoms, including upset stomach. |
| Skin contact | Burning pain and severe corrosive skin damage. |
| Eye contact | Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight. Pain. Visual disturbances, including blurred vision. |

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

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| Notes for the doctor | Treat symptomatically. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. |
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5.2. Special hazards arising from the substance or mixture

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| Hazardous combustion products | Harmful gases or vapours. |
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5.3. Advice for firefighters

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| Protective actions during firefighting | No specific firefighting precautions known. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| Personal precautions | Avoid contact with skin, eyes and clothing. |
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6.2. Environmental precautions

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| Environmental precautions | No specific requirements are anticipated under normal conditions of use. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Small Spillages: Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. Following dilution, discharge to the sewer with plenty of water may be permitted. Large Spillages: Absorb spillage with inert, damp, non-combustible material. |
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6.4. Reference to other sections

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| Reference to other sections | For personal protection, see Section 8. For waste disposal, see Section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| Usage precautions | Avoid contact with skin, eyes and clothing. |
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7.2. Conditions for safe storage, including any incompatibilities

Grease and Carbon

Storage class Corrosive storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

Potassium Hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Potassium Hydroxide (CAS: 1310-58-3)

| | |
|----------------------------|---|
| Ingredient comments | WEL = Workplace Exposure Limits |
| DNEL | Workers - Inhalation; Long term local effects: 1 mg/m ³ Consumer - Inhalation; Long term local effects: 1 mg/m ³ |

8.2. Exposure controls

Protective equipment



Eye/face protection Chemical splash goggles and face shield.

Other skin and body protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Do not eat, drink or smoke when using this product. Change work clothing daily before leaving workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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|-------------------------|---------------------------------|
| Appearance | Hazy liquid |
| Colour | Colourless. |
| pH | pH (concentrated solution): >13 |
| Relative density | 1.22 - 1.32 @ 20°C |

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

Grease and Carbon

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Acids.

10.4. Conditions to avoid

Conditions to avoid No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid Acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation May cause respiratory irritation.

Ingestion Gastrointestinal symptoms, including upset stomach. May cause internal injury.

Skin contact Causes severe burns.

Eye contact Causes serious eye damage.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Biodegradation Not determined.

12.3. Bioaccumulative potential

Bioaccumulative potential Not determined.

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Discharge of small quantities to the sewer with plenty of water may be permitted. Larger quantities should be treated in a suitable plant or disposed of via a licensed waste disposal contractor.

SECTION 14: Transport information

14.1. UN number

Grease and Carbon

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|------------------|------|
| UN No. (ADR/RID) | 1719 |
| UN No. (IMDG) | 1719 |
| UN No. (ICAO) | 1719 |
| UN No. (ADN) | 1719 |

14.2. UN proper shipping name

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|--------------------------------|--|
| Proper shipping name (ADR/RID) | CAUSTIC ALKALI LIQUID, N.O.S. (contains sodium hydroxide, potassium hydroxide) |
| Proper shipping name (IMDG) | CAUSTIC ALKALI LIQUID, N.O.S. (contains sodium hydroxide, potassium hydroxide) |
| Proper shipping name (ICAO) | CAUSTIC ALKALI LIQUID, N.O.S. (contains sodium hydroxide, potassium hydroxide) |
| Proper shipping name (ADN) | CAUSTIC ALKALI LIQUID, N.O.S. (contains sodium hydroxide, potassium hydroxide) |

14.3. Transport hazard class(es)

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|-----------------------------|----|
| ADR/RID class | 8 |
| ADR/RID classification code | C5 |
| ADR/RID label | 8 |
| IMDG class | 8 |
| ICAO class/division | 8 |
| ADN class | 8 |

Transport labels



14.4. Packing group

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|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group | II |
| ICAO packing group | II |
| ADN packing group | II |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

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|--|-------------|
| IMDG Code segregation group | 18. Alkalis |
| EmS | F-A, S-B |
| ADR transport category | 2 |
| Emergency Action Code | 2R |
| Hazard Identification Number (ADR/RID) | 80 |
| Tunnel restriction code | (E) |

Grease and Carbon

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 as amended.
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 as amended
EH40/2005 Workplace exposure limits.
Control of Substances Hazardous to Health Regulations 2002 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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|----------------------------------|---|
| Revision date | 14/05/2021 |
| Revision | 1 |
| SDS number | 21830 |
| Hazard statements in full | H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. |