

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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ELIMINATE

Revision 0
Revision date 2014-01-17

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

1.1. Product identifier

Product name ELIMINATE

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

Description Rotary brush glass washing detergent.

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|--|
| Company | Chemisphere UK Ltd |
| Address | Unit 4 No 3 Richmond Road Trafford Park Manchester M17 1RE UK |
| Web | www.chemisphereuk.co.uk |
| Telephone | 0044 800 018 8062 |
| Fax | 0044 161 874 7201 |
| Email | contactus@chemisphereuk.co.uk |
| Email address of the competent person | wilfw@chemisphereuk.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|---|
| Emergency telephone number | 0044 800 018 8062 |
| Company | Chemisphere UK Ltd Monday - Friday 08:00 - 17:00 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards No Significant Hazard

2.2. Label elements

| | |
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| Risk phrases | The product is classified in accordance with 67/548/EEC. |
| | No Significant Hazard. |
| Safety phrases | S1/2 - Keep locked up and out of the reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S36/39 - Wear suitable protective clothing and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|---------------------------------------|--------------|----------|-----------|---------------------------|--------------|------------------------------|
| Fatty Acid Sulphonate, Potassium Salt | | | 271-843-1 | | 1 - 10% | Xi; R36/38 |
| Isopropanol (Propan-2-ol) | 603-117-00-0 | 67-63-0 | 200-661-7 | | 1 - 10% | F; R11 Xi; R36 R67 |
| p-Chloro-m-cresol | | 59-50-7 | 200-431-6 | | 0.5 - 1% | Xn; R21/22 Xi; R41-43 N; R50 |
| 2-Benzyl-4-chlorophenol | | 120-32-1 | 204-385-8 | | 0 - 0.5% | Xn; R22 Xi; R38-41 N; R50/53 |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
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| Inhalation | Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination. |
| Skin contact | Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Do NOT induce vomiting. Drink 1 to 2 glasses of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible. |

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

| | |
|--------------|---|
| Inhalation | May cause irritation to respiratory system. |
| Eye contact | Risk of serious damage to eyes. |
| Skin contact | May cause irritation to skin. |
| Ingestion | May cause irritation to respiratory system. |

Further information

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|--|------------------------------|
| | Treat according to symptoms. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| | Use extinguishing media appropriate to the surrounding fire conditions. |
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5.2. Special hazards arising from the substance or mixture

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| | Burning produces irritating, toxic and obnoxious fumes. |
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5.3. Advice for firefighters

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| | Wear self contained breathing apparatus and protective clothing. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | Wear suitable gloves and eye/face protection. |
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6.2. Environmental precautions

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| | For large spills: Do not allow product to enter drains. For small spills: Flush down the drain with plenty of water. |
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6.3. Methods and material for containment and cleaning up

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| | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
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Further information

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| | For personal protection see Section 8. |
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Wear suitable gloves and eye/face protection. Adopt best Manual Handling considerations when handling, carrying and dispensing. Handle and open container with care. Ensure adequate ventilation of the working area. Do NOT mix with any other product.

7.2. Conditions for safe storage, including any incompatibilities

Keep locked up and out of the reach of children. Keep in a cool, dry, well ventilated area. Keep only in the original container.

Further information

Removes lipstick and grease from glassware prior to machine washing.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

| | | |
|---------------------------|---------------------------|------------------------------|
| Isopropanol (Propan-2-ol) | WEL 8-hr limit ppm: 400 | WEL 8-hr limit mg/m3: 999 |
| | WEL 15 min limit ppm: 500 | WEL 15 min limit mg/m3: 1250 |

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear suitable gloves and eye/face protection.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|---------------------------------|--------------------------|
| State | Liquid |
| Colour | Brown |
| Odour | Alcoholic |
| pH | 6.8 |
| Melting point | No data available |
| Freezing Point | No data available |
| Boiling point | No data available |
| Flash point | Not applicable. |
| Evaporation rate | No data available |
| Flammability limits | Not applicable. |
| Vapour Flammability | Not applicable. |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | 0.99 (Water = 1 @ 20 °C) |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | Not applicable. |
| Viscosity | No data available |
| Explosive | Not applicable. |
| Oxidising | Not applicable. |
| Solubility | Miscible in water |

9.2. Other information

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9.2. Other information

| | |
|----------------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | Not applicable. |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |
| VOC (Volatile organic compounds) | Not applicable. |

Further information

No further information available.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.4. Conditions to avoid

Heat. Do NOT allow to freeze.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Acute toxicity | Harmful if swallowed. |
| Skin corrosion/irritation | May cause irritation to skin. |
| Serious eye damage/irritation | Risk of serious damage to eyes. |
| Aspiration hazard | May cause irritation to respiratory system. |

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

More than 90% biodegradable.

12.5. Results of PBT and vPvB assessment

No data available.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way.

Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

Further information

Disposal together with normal waste is not allowed.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

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| | |
|-------------|--|
| IMDG | |
| | The product is not classified as dangerous for carriage. |

| | |
|-------------|--|
| IATA | |
| | The product is not classified as dangerous for carriage. |

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| SECTION 15: Regulatory information |
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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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| Regulations | COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. |
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| Further information | |
| | Caution - substance not yet fully tested. |

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| SECTION 16: Other information |
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| Other information | |
| Text of risk phrases in Section 3 | R11 - Highly flammable. R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50 - Very toxic to aquatic organisms. R67 - Vapours may cause drowsiness and dizziness. |

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|----------------------------|--|
| Further information | |
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. |