

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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LEAK DETECTION FLUID

Revision 2

Revision date 2015-05-19

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

1.1. Product identifier

| | |
|--------------|----------------------|
| Product name | LEAK DETECTION FLUID |
| Product code | C003 |

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|--|
| Company | GreSolvent |
| Address | Unit C1A Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England |
| Web | WWW.GRESOLVENT.CO.UK |
| Telephone | +44 (0)1939 232326 |
| Fax | +44 (0)1939 232386 |
| Email | gresolvent@btconnect.com |
| Email address of the competent person | gresolvent@btconnect.com |

1.4. Emergency telephone number

| | |
|----------------------------|--------------------|
| Emergency telephone number | +44 (0)1939 232326 |
| | 9.00 am - 5.00 pm |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------|-----------------------|
| Main hazards | No Significant Hazard |
|--------------|-----------------------|

2.2. Label elements

| | |
|--------------|-----------------------|
| Risk phrases | No Significant Hazard |
|--------------|-----------------------|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---|-----------|------------|--------|---------------------------|--------------|----------------|-----------|
| Sodium alkyl ether sulphate | | 13150-00-0 | | | 1 - 10% | Xi; R38-41 | |
| Triethanolamine dodecylbenzene sulphonate | | 27323-41-7 | | | 1 - 10% | Xi; R38-41 | |
| Coconut diethanolamine | | 68603-42-9 | | | 1 - 10% | Xi; R38-41 | |

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3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---|-----------|------------|--------|---------------------------|--------------|----------------|-----------|
| Sodium alkyl ether sulphate | | 13150-00-0 | | | 1 - 10% | | |
| Triethanolamine dodecylbenzene sulphonate | | 27323-41-7 | | | 1 - 10% | | |
| Coconut diethanolamine | | 68603-42-9 | | | 1 - 10% | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | May cause irritation to mucous membranes. Move the exposed person to fresh air. |
| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |

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

| | |
|--------------|--|
| Inhalation | No irritation expected. No Significant Hazard. |
| Eye contact | No Significant Hazard. Rinse immediately with plenty of water. |
| Skin contact | Avoid contact with skin. Rinse immediately with plenty of water. |
| Ingestion | No Significant Hazard. If you feel unwell, seek medical advice (show the label where possible). Ingestion may cause nausea and vomiting. Rinse mouth thoroughly. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
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| | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. |
|--|--|

6.2. Environmental precautions

| | |
|--|---|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|--|
| | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. |
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7.3. Specific end use(s)

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7.3. Specific end use(s)

| | |
|--|---|
| | Avoid contact with skin. Wash hands after handling the product. The product is classified as non hazardous. |
|--|---|

Suitable packaging

| | |
|--|---------------------|
| | Plastic containers. |
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

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| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Wear protective clothing. |
| Eye / face protection | In case of splashing, wear:.. Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|-----------------|
| Appearance | Viscous liquid. |
| Colour | Red |
| Odour | Slight |
| pH | 8.5 - 9.5 |
| Melting point | Not determined |
| Initial boiling point | Not determined |
| Flash point | Not applicable. |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not applicable. |
| Vapour pressure | Not relevant |
| Vapour density | Not relevant |
| Relative density | 1.01 |
| Partition coefficient | Not determined |
| Autoignition temperature | Not applicable. |
| Viscosity | Not determined |
| Explosive properties | Not applicable. |
| Oxidising properties | Not applicable. |

9.2. Other information

| | |
|----------------------------------|----------------|
| Conductivity | Not determined |
| Surface tension | Not determined |
| Gas group | Not relevant |
| Benzene Content | Not relevant |
| Lead content | Not relevant |
| VOC (Volatile organic compounds) | Not relevant |

Water solubility

| | |
|--|-------------------|
| | Soluble in water. |
|--|-------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

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|--|----------------|
| | Non hazardous. |
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10.2. Chemical stability

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No Significant Hazard.

10.4. Conditions to avoid

Direct sunlight. Do NOT allow to freeze. Protect from frost.

10.5. Incompatible materials

Do NOT mix with any other product.

10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

No Significant Hazard.

Skin corrosion/irritation

No irritation expected.

Serious eye damage/irritation

No irritation expected.

Respiratory or skin sensitisation

No sensitization effects reported. No Significant Hazard.

Germ cell mutagenicity

No mutagenic effects reported.

Carcinogenicity

No carcinogenic effects reported. No Significant Hazard.

Reproductive toxicity

No Significant Hazard.

Repeated or prolonged exposure

May cause irritation to skin.

11.1.4. Toxicological Information

None.

SECTION 12: Ecological information

12.1. Toxicity

No known adverse environmental effects.

12.2. Persistence and degradability

More than 90% biodegradable.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

LEAK DETECTION FLUID Not determined

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

Non hazardous.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

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| | |
|-------------------------|--------------------|
| Disposal methods | |
| | Dilute with water. |

| | |
|------------------------------|--|
| Disposal of packaging | |
| | Can be recycled if in compliance with. local and national regulations. |

SECTION 14: Transport information

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| 14.6. Special precautions for user | |
| | No precautions required to be mentioned. |

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| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | |
| | Not normally required. |

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

SECTION 15: Regulatory information

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. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning 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. |
|--------------------|--|

SECTION 16: Other information

Other information

| | |
|--|---|
| Revision | This document differs from the previous version in the following areas: 12 - 12.1. Toxicity. |
| Text of risk phrases in Section 3 | R38 - Irritating to skin. R41 - Risk of serious damage to eyes. |

| | |
|----------------------------|--|
| 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. |