



...advanced chemical
solutions for industry...

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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EP 10103 MACHINE WASH

Revision 3
Revision date 2016-01-04

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

1.1. Product identifier

| | |
|--------------|--|
| Product name | EP 10103 MACHINE WASH |
| REACH | ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES. |

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|--|
| Company | Assured Solutions Ltd |
| Address | Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS |
| Web | www.chemicalsuppliers.uk.com |
| Telephone | +44 (0)1530 272922 |
| Fax | +44 (0)1530 272921 |
| Email | sales@assuredsolutionsltd.co.uk |
| Email address of the competent person | sales@assuredsolutionsltd.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|--------------------------------|
| Emergency telephone number | 01530 272 922 |
| Company | ASSURED SOLUTIONS LTD 24hrs |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|----------------------------------|
| 2.1.1. Classification - 1999/45/EC | C; R35 Symbols: C: Corrosive. |
| Main hazards | Causes severe burns. |
| 2.1.2. Classification - EC 1272/2008 | Skin Corr. 1A: H314; |

2.2. Label elements

| | |
|-------------------------------------|--|
| Hazard pictograms | |
| Signal Word | Danger |
| Hazard Statement | Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. |
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |

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2.2. Label elements

| | |
|--|--|
| Precautionary Statement: Response | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. |
| Precautionary Statement: Storage | P405 - Store locked up. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to rEQUIREMENTS OF LOCAL AUTHORITIES |

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. |
|-----------------------------|--------------|-----------|-----------|---------------------------|--------------|-----------------------------------|-----------|
| trisodium nitrilotriacetate | 607-620-00-6 | 5064-31-3 | 225-768-6 | | 1 - 10% | Carc. Cat. 3; R40 Xn; R22 Xi; R36 | |
| Sodium hydroxide | 011-002-00-6 | 1310-73-2 | 215-185-5 | 01-2119457892-27 | 10 - 20% | C; R35 | |
| COCAMIDOPROPYL BETAINE | | | 931-296-8 | | 1 - 10% | Xi; R41 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|--|--------------|------------|-----------|---------------------------|--------------|--|-----------|
| WATER | | | | | 80 - 90% | | |
| trisodium nitrilotriacetate | 607-620-00-6 | 5064-31-3 | 225-768-6 | | 1 - 10% | Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319; | |
| Sodium hydroxide | 011-002-00-6 | 1310-73-2 | 215-185-5 | 01-2119457892-27 | 10 - 20% | Skin Corr. 1A: H314; | |
| COCAMIDOPROPYL BETAINE | | | 931-296-8 | | 1 - 10% | Eye Dam. 1: H318; Aquatic Chronic 3: H412; | |
| POTASSIUM SALT OF ARYL ETHER PHOSPHATE ESTER ANTI FOAM | | 72283-31-9 | | | 0.5 - 1% | Skin Irrit. 2: H315; Eye Irrit. 2: H319; | |
| | | | | | 0 - 0.5% | | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention. |
| Skin contact | Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. |
|--|---|

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

| | |
|--|---|
| | Wear suitable protective equipment. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|---|

6.2. Environmental precautions

| | |
|--|--|
| | Prevent further spillage if safe. Do not flush into surface water. |
|--|--|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb with inert, absorbent material. 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. 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. |
|--|--|

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

| | | |
|------------------|--|--|
| Sodium hydroxide | WEL 8-hr limit ppm: - | WEL 8-hr limit mg/m3: - |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: 2 |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |

DNEL: Derived no-effect level.

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

8.2. Exposure controls

| | |
|---|------------------------------------|
| 8.2.1. Appropriate engineering controls | Not normally required. |
| 8.2.2. Individual protection measures | Wear chemical protective clothing. |
| Eye / face protection | Approved safety goggles. |
| Skin protection - Handprotection | Chemical resistant gloves (PVC). |
| Respiratory protection | Not normally required. |

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

| | |
|------------------|------------------|
| Appearance | Liquid |
| Colour | Clear |
| Odour | Mild |
| pH | 13 - 14 |
| Relative density | 1.1 - 1.15 |
| Solubility | Soluble in water |

SECTION 10: Stability and reactivity

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with strong acids will produce an exothermic reaction. Keep away from aLUMINIUM.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation Causes burns.

SECTION 12: Ecological information

12.1. Toxicity

COCAMIDOPROPYL BETAINE Daphnia EC50/48h: 21.5000 mg/l Algae IC50/72h: 30.0000 mg/l

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not boidegradable however those present in this formulation/product are either of no known significant environmetal hazard or are readilly neutralised to form inert salts.

12.3. Bioaccumulative potential

Does not bioaccumulate.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1824

14.2. UN proper shipping name

SODIUM HYDROXIDE, SOLUTION

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 8 |
| Subsidiary risk | - |
| IMDG | 8 |
| Subsidiary risk | - |
| IATA | 8 |
| Subsidiary risk | - |

14.4. Packing group

Packing group II

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

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| | |
|---|---|
| ADR/RID | |
| Hazard ID | 80 |
| Tunnel Category | (E) |
| IMDG | |
| EmS Code | F-A S-B |
| IATA | |
| Packing Instruction (Cargo) | 855 |
| Maximum quantity | 30 L |
| Packing Instruction (Passenger) | 851 |
| Maximum quantity | 1 L |
| SECTION 15: Regulatory information | |
| 15.2. Chemical safety assessment | |
| | No chemical Safety assessment has been carried out by the supplier. |
| SECTION 16: Other information | |
| Other information | |
| Revision | This document differs from the previous version in the following areas: 1 - REACH. 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 6 - 6.1. Personal precautions, protective equipment and emergency procedures. 7 - 7.1. Precautions for safe handling. 8 - DNEL: Derived no-effect level. 12 - 12.1. Toxicity. 15 - 15.2. Chemical safety assessment. |
| Text of risk phrases in Section 3 | R22 - Harmful if swallowed. R35 - Causes severe burns. R36 - Irritating to eyes. R40 - Limited evidence of a carcinogenic effect. R41 - Risk of serious damage to eyes. |
| Text of Hazard Statements in Section 3 | Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Carc. 2: H351 - Suspected of causing cancer . Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |
| 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. |