



Clairoy

MAINTENANCE CHEMICALS

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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C 6 DECALING CLEANER

Revision 5

Revision date 2015-06-18

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

1.1. Product identifier

| | |
|--------------|--|
| Product name | C 6 DECALING CLEANER |
| 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 | Clairoy Maintenance Chemicals |
| Address | 29 Dyson Close, Rugby, Warwickshire CV21 4LG |
| Web | www.clairoy.co.uk |
| Telephone | 01788 561722 |
| Fax | 01788 537550 |
| Email | sales@clairoy.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | 01788 561722 |
| Company | CLAIROY MAINTENANCE CHEMICALS NORMAL OFFICE HOURS |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|---|
| 2.1.1. Classification - 1999/45/EC | Xi; R36/37/38 Symbols: Xi: Irritant. |
| Main hazards | Irritating to eyes, respiratory system and skin. |
| 2.1.2. Classification - EC 1272/2008 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; |

2.2. Label elements

| | |
|-------------------------------------|--|
| Hazard pictograms | |
| Signal Word | Warning |
| Hazard Statement | Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. |
| Precautionary Statement: Prevention | H290 - May be corrosive to metals. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. |

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2.2. Label elements

| | |
|--|---|
| Precautionary Statement: Response | P280 - Wear protective gloves/protective clothing/eye protection/face protection. P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ oR /if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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. |
| Precautionary Statement: Storage | P403+P233 - Store in a well-ventilated place. Keep container tightly closed. |
| Precautionary Statement: Disposal | P405 - Store locked up. 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. |
|-----------------------|--------------|------------|-----------|---------------------------|--------------|-----------------|-----------|
| Hydrochloric acid...% | 017-002-01-X | | 231-595-7 | | 10 - 20% | C; R34 Xi; R37 | |
| ALCOHOL ETHOXYLATE | | 68439-46-3 | | | 1 - 10% | Xn; R22 Xi; R41 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|-----------------------|--------------|------------|-----------|---------------------------|--------------|---------------------------------------|-----------|
| DIPROPYLENE GLYCOL | | 25265-71-8 | 246-770-3 | | 0 - 0.5% | | |
| WATER | | | | | 30 - 40% | | |
| Hydrochloric acid...% | 017-002-01-X | | 231-595-7 | | 10 - 20% | Skin Corr. 1B; H314; STOT SE 3; H335; | |
| DIBUTYL THIOUREA | | 109-46-6 | | | 0 - 0.5% | | |
| ALCOHOL ETHOXYLATE | | 68439-46-3 | | | 1 - 10% | Acute Tox. 4; H302; Eye Dam. 1; H318; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Irritating 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 | Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|-----------------------|
| | Carbon dioxide (CO2). |
|--|-----------------------|

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--|
| | Ensure adequate ventilation of the working area. Wear suitable protective equipment. |
|--|--|

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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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|--------------------------------|--|--|
| C 6 DECALING CLEANER (C305) | WEL 8-hr limit ppm: 0.7 | WEL 8-hr limit mg/m3: 1.4 |
| | WEL 15 min limit ppm: 3.6 | WEL 15 min limit mg/m3: 5.7 |
| | 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: |
| | | |

8.2. Exposure controls

| | |
|---|--|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 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 | Wear:.. Suitable respiratory equipment. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|------------------|
| Colour | Clear |
| Odour | Characteristic |
| pH | 1 - 2 |
| Initial boiling point | 100 |
| Relative density | 1.1 NOMINAL |
| Solubility | Soluble in water |

Water solubility

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

SECTION 10: Stability and reactivity

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10.2. Chemical stability

| | |
|--|--|
| | Stable under normal conditions. REACTS WITH HYPOCHLORITES(BLEACH) TO GIVE OFF TOXIC FUMES OF CHLORINE. |
|--|--|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--------------------------------|---|
| Skin corrosion/irritation | Irritating to eyes, respiratory system and skin. |
| Repeated or prolonged exposure | Prolonged or repeated exposure may cause irritation to skin and mucous membranes. |

SECTION 12: Ecological information

12.2. Persistence and degradability

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


SECTION 13: Disposal considerations

General information

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| | Dispose of in compliance with all local and national regulations. |
|--|---|

SECTION 14: Transport information

Hazard pictograms

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|--|---|

14.1. UN number

| | |
|--|--------|
| | UN1789 |
|--|--------|

14.2. UN proper shipping name

| | |
|--|-------------------|
| | HYDROCHLORIC ACID |
|--|-------------------|

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 | III |
|---------------|-----|

14.5. Environmental hazards

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

ADR/RID

| | |
|-----------------|-----|
| Hazard ID | 80 |
| Tunnel Category | (E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-A S-B |
|----------|---------|

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| IATA | |
|---------------------------------|------|
| Packing Instruction (Cargo) | 856 |
| Maximum quantity | 60 L |
| Packing Instruction (Passenger) | 852 |
| Maximum quantity | 5 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 | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 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: Disposal. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Solubility). |
| Text of risk phrases in Section 3 | <ul style="list-style-type: none"> R22 - Harmful if swallowed. R34 - Causes burns. R37 - Irritating to respiratory system. R41 - Risk of serious damage to eyes. |
| Text of Hazard Statements in Section 3 | <ul style="list-style-type: none"> Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage. |

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.