



Clairoy

MAINTENANCE CHEMICALS

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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C 6 DECALING CLEANER

Revision 3

Revision date 2013-01-09

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

1.1. Product identifier

Product name C 6 DECALING CLEANER

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.

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
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%	C; R34 Xi; R37
DIBUTYL THIOUREA		109-46-6			0 - 0.5%	Xn; R22 R52/53
ALCOHOL ETHOXYLATE		68439-45-2			1 - 10%	Xn; R22 Xi; R41

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.

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4.1. Description of first aid measures

Skin contact	Seek medical attention if irritation or symptoms persist.
	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).
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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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

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2. Environmental precautions

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

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

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9.1. Information on basic physical and chemical properties

Colour	Clear
Odour	Characteristic
pH	1.0 NOMINAL
Boiling point	100
Relative density	1.1 NOMINAL

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

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

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



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
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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
IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L
SECTION 15: Regulatory information	
Labelling	
Symbols	The product is classified in accordance with 67/548/EEC. Xi: Irritant.
	
Risk phrases	R36/37/38 - Irritating to eyes, respiratory system and skin.
Safety phrases	S1/2 - Keep locked up and out of the reach of children. S14 - Keep away from bLEACH. S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas: 14 - IMDG.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R34 - Causes burns. R37 - Irritating to respiratory system. R41 - Risk of serious damage to eyes. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.