



Clairoy

MAINTENANCE CHEMICALS

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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C5 BRICK CLEANER

Revision 2

Revision date 2011-11-18

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

1.1. Product identifier

Product name C5 BRICK 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 C; R34 Xi; R37
Symbols: C: Corrosive.

Main hazards Causes burns. Irritating to respiratory system.

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%	
Hydrochloric acid...%	017-002-01-X		231-595-7		20 - 30%	C; R34 Xi; R37
DIBUTYL THIOUREA		109-46-6			0 - 0.5%	Xn; R22 R52/53

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.

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4.1. Description of first aid measures

Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam.
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5.2. Special hazards arising from the substance or mixture

	Corrosive. 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. Evacuate personnel to a safe 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. 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.
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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.
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SECTION 8: Exposure controls/personal protection**8.2. Exposure controls**

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures	Wear chemical protective clothing.
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Eye / face protection	Approved safety goggles.
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Skin protection - Handprotection	Chemical resistant gloves (PVC).
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Respiratory protection	Wear suitable protective equipment.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State	Liquid
Colour	Amber
Odour	Characteristic
pH	1
Relative density	1.14

Water solubility

	Soluble in water.
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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.
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10.3. Possibility of hazardous reactions

	Strong oxidising agents. Strong bases.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

	Causes burns. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to eyes, respiratory system and skin.
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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.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN1789
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14.2. UN proper shipping name

	HYDROCHLORIC ACID
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14.3. Transport hazard class(es)

ADR/RID	8
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Subsidiary risk	-
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IMDG	8
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Subsidiary risk	-
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IATA	8
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Subsidiary risk	-
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14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
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Marine pollutant	No
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ADR/RID

Hazard ID	80
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Tunnel Category	(E)
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IMDG

EmS Code	F-A S-B
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IATA	
Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1 L

SECTION 15: Regulatory information

Labelling	
Symbols	<p>The product is classified in accordance with 67/548/EEC.</p> <p>C: Corrosive.</p> 
Risk phrases	<p>R34 - Causes burns.</p> <p>R37 - Irritating to respiratory system.</p>
Safety phrases	<p>S23 - Do not breathe gas/fumes/vapour/spray.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S28 - After contact with skin, wash immediately with plenty of.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p> <p>S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest.</p>

SECTION 16: Other information

Other information	
Revision	<p>This document differs from the previous version in the following areas:</p> <p>8 - Respiratory protection.</p> <p>9 - 9.1. Information on basic physical and chemical properties (State).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Colour).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour).</p>
Text of risk phrases in Section 3	<p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R37 - Irritating to respiratory system.</p> <p>R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
Further information	
	<p>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.</p>