

## Safety Data Sheet

Regulation EC No 1907/2006 Art.31

Productname : HARD SURFACE CLEANER  
 Ref.Nr.: UDS000036\_3\_20110413

Creationdate : 13.04.11 Version : 1.0  
 Replaces:

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**HARD SURFACE CLEANER**  
 Bulk

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Cleaners - Heavy duty

**1.3. Details of the supplier of the safety data sheet**

**CRC Industries UK Ltd.**  
**Ambersil House - Wylds Road**  
**Castlefield Industrial Estate**  
**TA6 4DD Bridgwater Somerset**  
**United Kingdom**  
**Tel.: +44 1278 727200**  
**Fax.: +44 1278 425644**  
**E-mail : hse.uk@crcind.com**

Supplied by:  
**RS Components Ltd,**  
 Birchington Road, Corby, Northants, NN17 9RS.  
 Tel: +44 (0) 1536 402888 (8am to 8pm)  
 Email: technical.help@rs-components.com

**1.4. Emergency telephone number**

(+44)(0)1278 72 7200

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to 67/548/EEC or 1999/45/EC:**

<b>Health:</b>	R36/38: Irritating to eyes and skin.
<b>Physical:</b>	not classified
<b>Environment:</b>	not classified
<b>Other hazards :</b>	not classified

**2.2. Label elements**

**Warning symbol(s) :** Xi : IRRITANT



**Risk-phrase(s) :** R36/38: Irritating to eyes and skin.  
**Safety-phrase(s) :** S2: Keep out of the reach of children.

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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.

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
sodium hydroxide; caustic soda	1310-73-2	215-185-5	0-1	C	35	B
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	C	20/21/22-34	A
Benzenesulfonic acid, dodecyl-	27176-87-0	248-289-4	5-10	C,Xn	22-34	
alcohols, C9-11, ethoxylated	68439-46-3		1-5	Xi	R41	
Phosphoric acid, trisodium salt	7601-54-9	231-509-8	1-5	Xi	36/38	
fatty alcohol ethoxylate	-		0-1	Xn	22-41	

#### Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
sodium hydroxide; caustic soda		1310-73-2	215-185-5	0-1	Skin Corr. 1A	H314	B
2-aminoethanol ethanolamine		141-43-5	205-483-3	0-1	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B	H332, H312, H302, H314	A

#### Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with water for at least 15 minutes  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 Seek medical advice



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<b>Contact with skin :</b>	Take off immediately all contaminated clothing. Wash with water and soap. Seek medical advice
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	If swallowed do not induce vomiting Seek medical advice

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

<b>Inhalation :</b>	May cause irritation. Symptoms : sore throat, cough
<b>Ingestion :</b>	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	Irritating to eyes Symptoms : redness and pain, impaired vision

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>General Advice :</b>	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

#### 5.2. Special hazards arising from the substance or mixture

May give off noxious and toxic fumes in a fire

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes  
Wear breathing apparatus

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions



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Do not allow to enter public sewers and watercourses  
 If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

### 6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not breathe aerosols or vapours.  
 Ensure adequate ventilation  
 Avoid contact with skin and eyes.  
 Wash thoroughly after use  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Eyewash bottles should be available

### 7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.  
 Keep out of reach of children.

### 7.3. Specific end use(s)

Cleaners - Heavy duty

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
2-aminoethanol ethanalamine	141-43-5	TWA	1 ppm
		STEL	3 ppm

### 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation  
**Personal protection :** Take precautions to avoid contact with skin and eyes when handling the product.



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<b>inhalation :</b>	Ensure adequate ventilation In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	Wear suitable protective gloves (neoprene)
<b>eyes :</b>	Wear safety goggles.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Apperance : physical state :</b>	Liquid.
<b>colour :</b>	Yellow.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	12.0
<b>Boiling point/range :</b>	100 °C
<b>Flash point :</b>	Not applicable.
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.045 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Soluble in water
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	Not available.

### 9.2. Other information

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

In case of fire, do not breathe fumes  
 May give off noxious and toxic fumes in a fire

### 10.4. Conditions to avoid

heat

### 10.5. Incompatible materials

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Strong oxidising agent

#### 10.6. Hazardous decomposition products

CO,CO2

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Inhalation :</b>	May cause irritation.
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Irritating to skin
<b>Eye contact :</b>	Irritating to eyes

#### Toxicological data :

No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

not classified

#### Ecotoxicological data:

No information available

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information available

#### 12.4. Mobility in soil

Soluble in water

#### 12.5. Results of PBT and vPvB assessment

No information available

#### 12.6. Other adverse effects



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**Replaces:**

No information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number

UN-number : Not classified as hazardous for transport

### 14.2. UN proper shipping name

Proper shipping name: not applicable

### 14.3. Transport hazard class(es)

Class: Not applicable.  
Subsidiary risk: Not applicable.  
ADR/RID - Classification code: Not applicable.

### 14.4. Packing group

Packing group: Not applicable.

### 14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally hazardous: No

### 14.6. Special precautions for user

ADR/RID - Tunnelcode: Not applicable.  
IMDG - Ems: Not applicable.  
IATA/ICAO - PAX: Not applicable.  
IATA/ICAO - CAO: Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code



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Replaces:

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet is compiled according to the current European requirements.  
EU-directive 99/45/EC  
Regulation (EC) No 1907/2006 (REACH)

### 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

\*Explanation risk-phrases: R22: Harmful if swallowed.  
R34: Causes burns.  
R35: Causes severe burns.  
R41: Risk of serious damage to eyes.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
R36/38: Irritating to eyes and skin.  
RR41

\*Explanation hazard statements: H302 : Harmful if swallowed.  
H312 : Harmful in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H332 : Harmful if inhaled.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.