

**Productname :** Multi Surface Cleaner  
**Ref.Nr.:** UDS000034\_3\_20130509

**Creationdate :** 09.05.13 Version : 1.0  
**Replaces:** UDS000034\_20120410

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

### 1.1. Product identifier

**Multi 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 Europe bvba**  
 Touwslagerstraat 1  
 9240 Zele  
 Belgium  
 Tel.: +32(0)52/45.60.11  
 Fax.: +32(0)52/45.00.34  
 E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Laurinkatu 57 A 23 B, 08100 Lohja	+358/(19)32.921	+358/(19)383.676
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303.0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptogatan 14, 431 53 Mölndal	0046/31 706 84 80	0046/31 27 39 91

### 1.4. Emergency telephone number

**CRC Industries Europe, Belgium:** Tel.: +32(0)52/45.60.11 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

**Health:** R41: Risk of serious damage to eyes.  
**Physical:** Not classified  
**Environment:** Not classified  
**Other hazards :** Not classified



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## 2.2. Label elements

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



**Risk-phrase(s) :** R41: Risk of serious damage to eyes.

**Safety-phrase(s) :** S2: Keep out of the reach of children.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye/face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

**Regulation (EC) No 648/2004 on detergents:**

anionic surfactants	5 - 15 %
non-ionic surfactants	5 - 15 %
phosphates	< 5 %
perfumes	limonene

## 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
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2	10-30			A
Benzenesulfonic acid, mono-C10-14-alkyl derivs., sodium salts	85117-50-6	285-600-2	<20	Xn,Xi	22-38-41	
alcohols, C9-11, ethoxylated	68439-46-3		1-5	Xn	22-41	
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	C	20/21/22-34	A
alcohols, C9-11, ethoxylated	68439-46-3		0-1	Xi	41	

#### Explanation notes

A : substance with Community workplace exposure limit

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
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



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(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Contact with eyes :</b>	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
<b>Contact with skin :</b>	Wash with water and soap. Seek medical attention if irritation persists
<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>	Risk of serious damage 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



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## 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

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 :



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Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
<b>National established exposure limits, United Kingdom</b>			
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm

## 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>hands and skin :</b>	Wear suitable protective gloves against chemicals (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>	Green.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	11.25
<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>	1.05 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

**VOC:** blank

## SECTION 10: Stability and reactivity

### 10.1. Reactivity



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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

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation :** May cause irritation.  
**Ingestion :** May cause gastrointestinal disturbances  
**Skin contact :** Irritating to skin.  
**Eye contact :** Risk of serious damage to eyes.

#### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
(2-methoxymethylethoxy)propanol	34590-94-8	LD50 oral rat	> 4000 mg/kg
		LD50 derm.rabit	9510 mg/kg
alcohols, C9-11, ethoxylated	68439-46-3	LD50 oral rat	1000-1400 mg/kg
		LD50 derm.rabit	>2000 mg/kg
alcohols, C9-11, ethoxylated	68439-46-3	LD50 oral rat	1000-1400 mg/kg
		LD50 derm.rabit	>2000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity



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Not classified

#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
(2-methoxymethylethoxy)propanol	34590-94-8	EC50 daphnia	1919 mg/l
alcohols, C9-11, ethoxylated	68439-46-3	LC50 fish	10-100 mg/l
		EC50 daphnia	5-25 mg/l
alcohols, C9-11, ethoxylated	68439-46-3	LC50 fish	10-100 mg/l
		EC50 daphnia	5-25 mg/l

#### 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

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



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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

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.  
R38: Irritating to skin.



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R41: Risk of serious damage to eyes.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.  
\*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.

