

Productname : MULTI CLEAN  
 Ref.Nr.: BDS002216\_3\_20180626 (EN)

Creationdate : 26.06.18 Version : 1.112  
 Replaces:

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

### 1.1. Product identifier

**MULTI CLEAN**  
 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	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
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	Südtring 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	Laxfiskevägen 16, 433 38 Partille	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 Regulation (EC) No 1272/2008

**Physical:** Not classified  
 Classification is based on test data.  
**Health:** Not classified



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Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

None

**Regulation (EC) No 648/2004 on detergents:** anionic surfactants < 5  
 non-ionic surfactants < 5  
 perfumes  
 Tetramethylol acetylenediurea

## 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	01-211947108-36	111-76-2	203-905-0	<5	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2	H332,H312,H302,H319,H315 A	A
<b>Explanation notes</b>							
A : substance with Community 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 plenty of water for several minutes  
 Seek medical attention if irritation persists

**Contact with skin :** Wash with water and soap.  
 Seek medical attention if irritation persists

**Inhalation :** Fresh air, keep warm and at rest.



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**Ingestion :**

Seek medical attention if ill effects occur  
If swallowed do not induce vomiting  
Seek medical advice

**4.2. Most important symptoms and effects, both acute and delayed****Inhalation :**

Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

**Ingestion :**

May cause gastrointestinal disturbances

**Skin contact :**

Mildly irritating to skin  
Symptoms : redness and pain

**Eye contact :**

Mildly irritating to eyes  
Symptoms : redness and pain

**4.3. Indication of any immediate medical attention and special treatment needed****General Advice :**

If you feel unwell, seek medical advice (show the label where possible)  
If symptoms persist always call a doctor

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

foam, carbon dioxide or dry agent

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

Forms hazardous decomposition products  
CO,CO2

**5.3. Advice for firefighters**

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

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Shut off all ignition sources  
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



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**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**

Use only in well ventilated areas  
 Avoid contact with skin and eyes.  
 Wash thoroughly after use

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

Keep in a cool, dry, 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-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	111-76-2	TWA	20 ppm
		STEL	50 ppm
<b>National established exposure limits, United Kingdom</b>			
2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	111-76-2	TWA	25 ppm
		STEL	50 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.

It is good practice to wear gloves and to provide adequate ventilation whenever using the product.



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	In all cases handle and use the product in accordance with good industrial hygiene practices.
<b>inhalation :</b>	Not necessary in normal use.
	Wear approved respirator if exposure likely to exceed MEL/OES
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	For accidental contact the use of disposable gloves should be sufficient provided they are changed immediately after a splash or spill may occur. If intentional contact is expected reusable gloves should be used with a breakthrough time greater than the total duration of the product use.
Recommended gloves:	(neoprene)
<b>eyes :</b>	Not necessary in normal use.

## SECTION 9: Physical and chemical properties

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

<b>Apperance : physical state :</b>	Liquid.
<b>colour :</b>	Colorless.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	8.9
<b>Boiling point/range :</b>	100 °C
<b>Flash point :</b>	Not available.
<b>Evaporation rate :</b>	0.3 (n-butyl acetate=1)
<b>Explosion limits : upper limit :</b>	10.6 %
<b>lower limit :</b>	1.13 %
<b>Vapour pressure :</b>	2.332 kPa (@ 20°C).
<b>Relative density :</b>	1.010 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Soluble in water
<b>Auto-ignition :</b>	230 °C
<b>Viscosity :</b>	1 mPa.s (@ 20°C).

### 9.2. Other information

<b>VOC = volatile organic compounds</b>	15.135 g/l
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## 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



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No hazardous reactions known if used for its intended purpose

#### 10.4. Conditions to avoid

Avoid overheating

#### 10.5. Incompatible materials

Strong oxidising agent

#### 10.6. Hazardous decomposition products

CO,CO2

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>acute toxicity:</b>	based on available data the classification criteria are not met
<b>skin corrosion/irritation:</b>	based on available data the classification criteria are not met
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation:</b>	based on available data the classification criteria are not met
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	based on available data the classification criteria are not met
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	based on available data the classification criteria are not met

#### Information on likely routes of exposure:

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	May cause irritation.
<b>Eye contact :</b>	May cause irritation.

#### Toxicological data :

No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity



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Not classified

**Ecotoxicological data:**

No information available

**12.2. Persistence and degradability**

subject to Regulation (EC) No 648/2004 on detergents.

**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****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.

**National regulations :** 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.



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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**

IMDG - Ems: Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 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.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)  
subject to Regulation (EC) No 648/2004 on detergents.

**15.2. Chemical safety assessment**

No information available

**SECTION 16: Other information**

\*Explanation hazard statements: H302 : Harmful if swallowed.  
H312 : Harmful in contact with skin.  
H315 : Causes skin irritation.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.

acronyms and synonyms: TWA = time weight average  
STEL = short time exposure limit  
VOC = volatile organic compounds  
PBT = persistent bioaccumulative toxic  
vPvB = very persistent very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in



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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.

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