

Productname : DEGREASER CONCENTRATE
Ref.Nr.: UDS000033_3_20130509

Creationdate : 09.05.13 Version : 1.0
Replaces: UDS000033_20110413

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

1.1. Product identifier

DEGREASER CONCENTRATE
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 - Wylids Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.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:

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

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.

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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

(* 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.



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Contact with skin :	Seek medical advice Wash with water and soap. Seek medical attention if irritation persists
Inhalation :	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	If swallowed do not induce vomiting Seek medical advice

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

Inhalation :	May cause irritation. Symptoms : sore throat, cough
Ingestion :	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	Irritating to skin. Symptoms : redness and pain
Eye contact :	Risk of serious damage to eyes. Symptoms : redness and pain, impaired vision

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

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	
EU established exposure limits:			
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
National established exposure limits, United Kingdom			
2-aminoethanol ethanolamine	141-43-5	TWA	1 ppm
		STEL	3 ppm

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(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
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8.2. Exposure controls

Control procedures :	Ensure adequate ventilation
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin :	Wear suitable protective gloves against chemicals (neoprene)
eyes :	Wear safety goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	Liquid.
colour :	Green.
odour :	Characteristic odor.
pH :	11.25
Boiling point/range :	100 °C
Flash point :	Not applicable.
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	1.05 g/cm ³ (@ 20°C).
Solubility in water :	Soluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not available.

9.2. Other information

VOC: blank

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



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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

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

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		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

Proper shipping name: Not applicable.

14.3. Transport hazard class(es)

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



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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.
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

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