

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

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

1.1. Product identifier

Ultrasonic Cleaning Liquid
Bulk

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

Cleaners - Precision

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

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:	Not classified
Physical:	Not classified
Environment:	Not classified

2.2. Label elements

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

Regulation (EC) No 648/2004 on detergents: non-ionic surfactants < 5 %
phosphates < 5 %

2.3. Other hazards



Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

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
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1	1-5		10-67	A
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	137-16-6	205-281-5	0-1	T	23-38-41	
2-aminoethanol ethanolamine	141-43-5	205-483-3	0-1	C	20/21/22-34	A,V
Explanation notes						
A : substance with Community workplace exposure limit						
V : Note: substance mentioned on the list of sensitizing substances and activities of sensitizing substances (TRGS 907)						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
1-methoxy-2-propanol; monopropylene glycol methyl ether	01-2119457435-35	107-98-2	203-539-1	1-5	Flam. Liq. 3, STOT SE 3	H226,H336	A
2-aminoethanol ethanolamine	01-2119486455-28	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,V
Explanation notes							
A : substance with Community workplace exposure limit							
V : Note: substance mentioned on the list of sensitizing substances and activities of sensitizing substances (TRGS 907)							

(* 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. 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 :	No adverse health effects expected
Ingestion :	No adverse health effects expected

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

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

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



Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

7.1. Precautions for safe handling

Use only in well ventilated areas
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.

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 - Precision

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
National established exposure limits, United Kingdom			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 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.
 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.

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

colour : Colorless.
odour : Characteristic odor.
pH : 11.25
Boiling point/range : Not available.
Flash point : Not applicable.
Evaporation rate : Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 1.03 g/cm³ (@ 20°C).
Solubility in water : Soluble in water
Auto-ignition : Not available.
Viscosity : Not available.

9.2. Other information

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

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

Inhalation : No adverse health effects expected
Ingestion : No adverse health effects expected

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

Skin contact : May cause irritation.
Eye contact : May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LD50 oral rat	4016 mg/kg
		LC50 inhal.rat	27596 mg/l
		LD50 derm.rabit	2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LC50 fish	6812 mg/l
		EC50 daphnia	23300 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

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

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.
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

Productname : Ultrasonic Cleaning Liquid
Ref.Nr.: UDS000172_3_20131017

Creationdate : 17.10.13 Version : 2.0
Replaces: UDS000172_20110803

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: R10: Flammable.
R23: Toxic by inhalation.
R34: Causes burns.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R67: Vapours may cause drowsiness and dizziness.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

*Explanation hazard statements: H226 : Flammable liquid and vapour.
H302 : Harmful if swallowed.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H332 : Harmful if inhaled.
H336 : May cause drowsiness or dizziness.

REVISIONS IN CHAPTRE : Classification according to 67/548/EEC or 1999/45/EC:
2.2. Label elements

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.