

**Productname :** Tufcut Aqua  
**Ref.Nr.:** UDS000706\_3\_20151007 (EN)

**Creationdate :** 07.10.15 Version : 1.0  
**Replaces:**

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

### 1.1. Product identifier

Tufcut Aqua  
Bulk

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

Lubricants

### 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 Regulation (EC) No 1272/2008

<b>Physical:</b>	Not classified
<b>Health:</b>	Not classified
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Contains: Carbamic acid, butyl-, 3-iodo-2-propynyl ester May produce an allergic reaction.

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

<b>Health:</b>	Not classified
<b>Physical:</b>	Not classified
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Not classified



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## 2.2. Label elements

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

None

**Precautionary statement(s):** P101 : If medical advice is needed, have product container or label at hand.  
P102 : Keep out of reach of children.  
P501-2 : Dispose of contents/container to an authorised waste collection point.

**Supplemental Hazard information:** Contains:  
Carbamic acid, butyl-, 3-iodo-2-propynyl ester  
May produce an allergic reaction.

## 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
Carbamic acid, butyl-, 3-iodo-2-propynyl ester	55406-53-6	259-627-5	< 1	Xn,N	20/22-41-50	
Ethanol, 2-(2-aminoethoxy)-	929-06-6	213-195-4	< 5	C	34	

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Carbamic acid, butyl-, 3-iodo-2-propynyl ester		55406-53-6	259-627-5	< 1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1	H302,H332,H315,H318,H317,H335,H400,H410	
Ethanol, 2-(2-aminoethoxy)-	01-2119520701-52	929-06-6	213-195-4	< 5	Skin Corr. 1B, Eye Dam. 1	H314,H318	

(\* 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.



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<b>Inhalation :</b>	Seek medical attention if irritation persists Fresh air, keep warm and at rest.
<b>Ingestion :</b>	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

<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 produce an allergic reaction. May cause irritation. Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

#### 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

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



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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

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)

Lubricants

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 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
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety goggles.

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## SECTION 9: Physical and chemical properties

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

**Apperance : physical state :** Liquid.  
**colour :** Amber.  
**odour :** Characteristic odor.  
**pH :** 9.2 (at 5 % concentration)  
**Boiling point/range :** Not determined.  
**Flash point :** > 100 °C  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not determined.  
**Relative density :** 1.096 g/cm<sup>3</sup> (@ 15°C).  
**Solubility in water :** Soluble in water  
**Auto-ignition :** > 200 °C  
**Viscosity :** 13.9 mPa.s (@ 40°C).

### 9.2. Other information

**VOC:** 0 g/l

## 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,CO<sub>2</sub>



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### 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. May produce an allergic reaction.
<b>Eye contact :</b>	May cause irritation.

#### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Ethanol, 2-(2-aminoethoxy)-	929-06-6	LD50 oral rat	3400 mg/kg
		LC50 inhal.rat	> 8.7 mg/m3
		LD50 derm.rabit	> 3000 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Ethanol, 2-(2-aminoethoxy)-	929-06-6	LC50 fish	681 mg/l
		EC50 daphnia	189 mg/l

### 12.2. Persistence and degradability

No experimental data available

### 12.3. Bioaccumulative potential

No experimental data available

### 12.4. Mobility in soil

Insoluble in water

### 12.5. Results of PBT and vPvB assessment



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No information available

#### 12.6. Other adverse effects

No experimental data 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.

**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.



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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)  
Regulation (EC) No 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation risk-phrases: R34: Causes burns.  
R41: Risk of serious damage to eyes.  
R50: Very toxic to aquatic organisms.  
R20/22: Harmful by inhalation and if swallowed.

\*Explanation hazard statements: H302 : Harmful if swallowed.  
H314 : Causes severe skin burns and eye damage.  
H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H318 : Causes serious eye damage.  
H332 : Harmful if inhaled.  
H335 : May cause respiratory irritation.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

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.