

**Productname :** RBR 300  
**Ref.Nr.:** UDS000150\_3\_20110607

**Creationdate :** 07.06.11 Version : 1.0  
**Replaces:** UK10155

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

### 1.1. Product identifier

**RBR 300**  
Bulk

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

Release Agents

### 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:

<b>Health:</b>	not classified
<b>Physical:</b>	R10: Flammable.
<b>Environment:</b>	not classified
<b>Other hazards :</b>	not classified

### 2.2. Label elements

<b>Risk-phrases) :</b>	R10: Flammable.
<b>Safety-phrases) :</b>	S2: Keep out of the reach of children. S51: Use only in well-ventilated areas.

### 2.3. Other hazards



**Productname :** RBR 300  
**Ref.Nr.:** UDS000150\_3\_20110607

**Creationdate :** 07.06.11 Version : 1.0  
**Replaces:** UK10155

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-methylpropan-2-ol; tert-butyl alcohol	75-65-0	200-889-7	1-5	F,Xn	R11,R20	B
161075-14-5 (polymer)	161075-14-5 POLYMER	500-552-7	1-5	Xi	R36/38	
ammonia .... %	1336-21-6	215-647-6	0-1	C,N	34-50	

#### Explanation notes

B : substance with national established workplace exposure limit

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
ammonia .... %		1336-21-6	215-647-6	0-1	Skin Corr. 1B,Aquatic Acute 1	H314,H400	

(\* 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 plenty of water for several minutes Seek medical attention if irritation persists
<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>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Mildly irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	Mildly irritating to eyes Symptoms : redness and pain

### 4.3. Indication of any immediate medical attention and special treatment needed



2 / 8

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**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 form explosive vapour/air mixtures  
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

### 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

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed

**Productname :** RBR 300  
**Ref.Nr.:** UDS000150\_3\_20110607

**Creationdate :** 07.06.11 Version : 1.0  
**Replaces:** UK10155

Use explosion-proof electrical/ventilating/lighting/?/equipment.  
Use only non-sparking tools.  
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.

## 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)

Release Agents

# 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
	Keep away from heat and sources of ignition
	Take precautionary measures against static discharges
<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
	(nitrile)
<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>	Colorless.
<b>odour :</b>	Alcohol.
<b>pH :</b>	Not available.
<b>Boiling point/range :</b>	Not available.
<b>Flash point :</b>	60 °C (Closed Cup)
<b>Evaporation rate :</b>	Not available.

**Productname :** RBR 300  
**Ref.Nr.:** UDS000150\_3\_20110607

**Creationdate :** 07.06.11 Version : 1.0  
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<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.00 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Soluble in water
<b>Auto-ignition :</b>	Not available.
<b>Viscosity :</b>	Not available.

## 9.2. Other information

No information available

## 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>

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
<b>Skin contact :</b>	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
<b>Eye contact :</b>	May cause irritation.

**Productname :** RBR 300  
**Ref.Nr.:** UDS000150\_3\_20110607

**Creationdate :** 07.06.11 Version : 1.0  
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**Toxicological data :**

No information available

**SECTION 12: Ecological information****12.1. Toxicity**

not classified

**Ecotoxicological data:**

No information available

**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**

<b>Product :</b>	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.
<b>Contaminated packaging :</b>	Disposal should be in accordance with local, state or national legislation

**SECTION 14: Transport information**

Productname : RBR 300  
Ref.Nr.: UDS000150\_3\_20110607

Creationdate : 07.06.11 Version : 1.0  
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**14.1. UN number**

UN-number : 1120

**14.2. UN proper shipping name**

Proper shipping name: BUTANOLS

**14.3. Transport hazard class(es)**

Class: 3  
ADR/RID - Classification code: F1

**14.4. Packing group**

Packing group: III

**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:	(D/E)
IMDG - Ems:	F-E,S-D
IATA/ICAO - PAX:	309
IATA/ICAO - CAO	310

**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**

7 / 8

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\*Explanation risk-phrases: R34: Causes burns.  
R50: Very toxic to aquatic organisms.  
RR11  
R20: Harmful by inhalation.  
RR36/38

\*Explanation hazard statements: H314 : Causes severe skin burns and eye damage.  
H400 : Very toxic to aquatic life.

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.

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