

**Productname :** RBR 100  
**Ref.Nr.:** UDS000479\_3\_20200421 (EN)

**Creationdate :** 21.04.20 Version : 3.0  
**Replaces:** UDS000479\_20170629

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

### 1.1. Product identifier

**RBR 100**  
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.  
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 (office hours)

## 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
Classification is based on test data.	
<b>Health:</b>	Skin sensitization, category 1 May cause an allergic skin reaction.
Classification based on calculation method.	
<b>Environment:</b>	Not classified
Classification based on calculation method.	
<b>Other hazards :</b>	Not classified

### 2.2. Label elements

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



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**Product identifier:** Contains:  
 mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6]

**Hazard pictogram(s):**



**Signal word:** Warning  
**Hazard statement(s):** H317 : May cause an allergic skin reaction.  
**Precautionary statement(s):** P102 : Keep out of reach of children.  
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
 P302/352 : IF ON SKIN: Wash with plenty of soap and water.  
 P333/313 : If skin irritation or rash occurs: Get medical advice/attention.  
 P501-2 : Dispose of contents/container to an authorised waste collection point.

### 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
mixture of: 5-chloro-2-methyl-4- isothiazolin-3-one [EC no. 247- 500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6]	01-2120764691-48	55965-84-9		0-0.1	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1	H330,H310,H301,H314,H317,H400,H410	

(\* 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

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#### 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>	May cause sensitization by skin contact. 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

<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

water, 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



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#### 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  
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.  
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
<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>	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety eyewear according to EN 166.

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## SECTION 9: Physical and chemical properties

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

**Appearance : physical state :** Liquid.  
**colour :** Milky.  
**odour :** Characteristic odor.  
**pH :** 4.0  
**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 :** 1.00 g/cm<sup>3</sup> (@ 20°C).  
**Solubility in water :** Miscible with water  
**Auto-ignition :** > 200 °C  
**Viscosity :** Not available.

### 9.2. Other information

**VOC = volatile organic compounds** 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

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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>	May cause an allergic skin reaction.
<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>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
<b>Skin contact :</b>	May cause sensitization by skin contact.
<b>Eye contact :</b>	May cause irritation.

#### 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

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No information available

#### 12.4. Mobility in soil

Miscible with 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

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

### 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

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#### 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)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation hazard statements: H301 : Toxic if swallowed.  
H310 : Fatal in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H317 : May cause an allergic skin reaction.  
H330 : Fatal if inhaled.  
H400 : Very toxic to aquatic life.  
H410 : Very toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008  
8.2. Exposure controls

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

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.