

**Productname :** RADIATOR SEAL  
**Ref.Nr.:** BB13200-3-311007  
**Creationdate :** 31.10.07  
**Replaces:** 04.10.06

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** RADIATOR SEAL  
Bulk

**Application :** Additives

**Company :** CRC Industries Europe bvba  
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CRC Industries France	12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex	(+33)(0)1/34112000	(+33)(0)1/34110996
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CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

## 2. HAZARD IDENTIFICATION

**Health and Safety :** According to EU-directive 99/45/EC not classified

**Environment :** According to EU-directive 99/45/EC not classified

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nr	EINECS	w/w %	symbol	R-phrases*	Notes
potassium hydroxide; caustic potash	1310-58-3	215-181-3	<0.5	C	22-35	

(\* Explanation risk-phrases : see chapter 16)

## 4. FIRST AID MEASURES

**General Advice :** The usual precautions for handling chemicals should be observed

If any symptoms should occur, seek medical advice.

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water

Seek medical attention if irritation persists



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**Contact with skin :** Wash with water and soap.  
Seek medical attention if irritation persists

**Inhalation :** Inhalation is unlikely to occur

**Ingestion :** If swallowed accidentally, do not induce vomiting and seek medical advice.

## 5. FIRE-FIGHTING MEASURES

**Flash point (without propellant):** > 100 °C

**Explosion limits : upper limit :** not available

**lower limit :** not available

**Extinguishing media :** not applicable

**Fire-fighting procedures :** In case of fire, do not breathe fumes

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions :** It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

**Environmental precautions :** Do not allow to enter public sewers and watercourses

**Cleaning methods :** Wash spill site with water and detergent

## 7. HANDLING AND STORAGE

**Handling procedures :** The usual precautions for handling chemicals should be observed  
Avoid contact with skin and eyes.

**Storage procedures :** Store frost free  
Keep out of reach of children.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Personal protection :** It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

**hands and skin :** Wear suitable protective gloves

**eyes :** Wear safety goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

**Apperance : physical state :** Liquid

**colour :** brown

**odour :** Characteristic odour

**Melting point/range :** 0 °C

**Boiling point/range :** 100 °C

**Relative density :** 1.04 g/cm<sup>3</sup> (@ 20°C)



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<b>pH :</b>	6 - 8
<b>Vapour pressure :</b>	not available
<b>Relative vapour density :</b>	not available
<b>Solubility in water :</b>	Soluble in water
<b>Flash point :</b>	> 100 °C
<b>Auto-ignition :</b>	not available
<b>Viscosity :</b>	not available
<b>Evaporation rate :</b>	not applicable

## 10. STABILITY AND REACTIVITY

<b>Conditions to be avoided :</b>	Reacts with acids
<b>Materials to be avoided :</b>	None
<b>Hazardous decomposition compounds :</b>	No hazardous decomposition products known

## 11. TOXICOLOGICAL INFORMATION

<b>Skin contact :</b>	Mildly irritant
<b>Eye contact :</b>	Mildly irritating to eyes
<b>Other information:</b>	No experimental data available

## 12. ECOLOGICAL INFORMATION

No experimental data available  
Do not allow to enter public sewers and watercourses

## 13. WASTE DISPOSAL

Disposal should be in accordance with local, state or national legislation

## 14. TRANSPORT

<b>Road/Rail - ADR/RID :</b>	---- Not classified
<b>Sea - IMDG :</b>	---- Not classified
<b>Air - IATA/ICAO :</b>	---- Not classified

## 15. REGULATORY INFORMATION

<b>Safety-phrase(s) :</b>	S2: Keep out of the reach of children. S24/25: Avoid contact with skin and eyes.
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**16. OTHER INFORMATION**

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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**\*Explanation risk-phrases:**

R22: Harmful if swallowed.

R35: Causes severe burns.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.