

Productname : Rust Seal  
Ref.Nr.: BDS002630\_3\_20200831 (EN)

Creationdate : 31.08.20 Version : 1.0  
Replaces:

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

### 1.1. Product identifier

**Rust Seal**  
Bulk

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

Anti Corrosion Products

### 1.3. Details of the supplier of the safety data sheet

**CRC Industries Europe BV**  
Touwslagerstraat 1  
9240 Zele  
Belgium  
Tel.: +32(0)52/45.60.11  
Fax.: +32(0)52/45.00.34  
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

### 1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

**Physical:** Not classified

Classification is based on test data.

**Health:** Not classified

Classification based on calculation method.



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**Environment:** Hazardous to the aquatic environment, chronic category 3  
 Harmful to aquatic life with long lasting effects.

Classification based on calculation method.

**Other hazards :** Contains:  
 3-aminopropyltriethoxysilane  
 May produce an allergic reaction.

## 2.2. Label elements

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

None

**Hazard statement(s):** H412 : Harmful to aquatic life with long lasting effects.

**Precautionary statement(s):** P102 : Keep out of reach of children.

P273 : Avoid release to the environment.

P501-2 : Dispose of contents/container to an authorised waste collection point.

**Supplemental Hazard information:**

Contains:

3-aminopropyltriethoxysilane  
 May produce an allergic reaction.

**Dir. 2004/42/EC on the limitation of emissions of volatile organic compounds (VOC) of organic solvents in certain paints and varnishes and vehicle refinishing products**

Cat.A/i : max 140 g/L

## 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
amines, tallow alkyl, ethoxylated		61791-26-2	500-153-8 (NLP)	<1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1	H302,H315,H318,H400	
(2-methoxymethylethoxy)propanol	01-2119450011-60	34590-94-8	252-104-2	<2.5	-	-	A

#### Explanation notes

A : substance with Community workplace exposure limit

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures



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#### 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>	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



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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

## 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)

Anti Corrosion Products

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
<b>National established exposure limits, United Kingdom</b>			
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm
<b>National established exposure limits, Ireland</b>			
(2-methoxymethylethoxy)propanol	34590-94-8	TWA	50 ppm



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STEL

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## 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. It is good practice to wear gloves and to provide adequate ventilation whenever using the product. In all cases handle and use the product in accordance with good industrial hygiene practices.
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	For accidental contact the use of disposable gloves should be sufficient provided they are changed immediately after a splash or spill may occur. If intentional contact is expected reusable gloves should be used with a breakthrough time greater than the total duration of the product use.
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

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

<b>Appearance : physical state :</b>	Viscous liquid.
<b>colour :</b>	Black.
<b>odour :</b>	Neutral.
<b>pH :</b>	8 - 9
<b>Boiling point/range :</b>	100 °C
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.03 g/cm <sup>3</sup> (@ 20°C).
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	100 -120 KU

### 9.2. Other information

<b>VOC = volatile organic compounds</b>	31 g/l
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

### 10.2. Chemical stability



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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

**acute toxicity:** based on available data the classification criteria are not met  
**skin corrosion/irritation:** based on available data the classification criteria are not met  
**serious eye damage/irritation:** based on available data the classification criteria are not met  
**respiratory or skin sensitisation:** based on available data the classification criteria are not met  
**germ cell mutagenicity:** based on available data the classification criteria are not met  
**carcinogenicity:** based on available data the classification criteria are not met  
**toxicity for reproduction:** based on available data the classification criteria are not met  
**STOT-single exposure:** based on available data the classification criteria are not met  
**STOT repeated exposure:** based on available data the classification criteria are not met  
**aspiration hazard:** based on available data the classification criteria are not met

### Information on likely routes of exposure:

**Inhalation :** Inhalation of solvent vapours may give rise to nausea, headaches and dizziness  
**Ingestion :** May cause gastrointestinal disturbances  
**Skin contact :** May cause irritation.  
 May produce an allergic reaction.  
**Eye contact :** May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
(2-methoxymethylethoxy)propanol	34590-94-8	LD50 oral rat	> 5000 mg/kg



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		LD50 derm.rabit	> 10000 mg/kg
amines, tallow alkyl, ethoxylated	61791-26-2	LD50 oral rat	500 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, chronic category 3  
 Harmful to aquatic life with long lasting effects.

#### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
(2-methoxymethylethoxy)propanol	34590-94-8	IC50 algae	> 100 mg/l
		LC50 fish	> 10000 mg/l
		EC50 daphnia	> 100 mg/l
amines, tallow alkyl, ethoxylated	61791-26-2	LC50 fish	0.13 mg/l
		EC50 daphnia	0.17 mg/l

No experimental data available

### 12.2. Persistence and degradability

No experimental data available

### 12.3. Bioaccumulative potential

No experimental data 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 experimental data 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.

**National regulations :** Disposal should be in accordance with local, state or national legislation



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## 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

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 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

### 15.2. Chemical safety assessment

No information available





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## SECTION 16: Other information

\*Explanation hazard statements: - : -

H302 : Harmful if swallowed.  
H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H400 : Very toxic to aquatic life.

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

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