Regulation EC No 1907/2006 Art.31

Productname:

Rust Remover

Ref.Nr.: BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961_20150327

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

1.1. Product identifier

Rust Remover

Bulk

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

Scale and rust remover

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe byba 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	Laurinkatu 57 A 23 B, 08100 Lohja	+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 INDUSTR. 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: Substance or mixture corrosive to metals, category 1

May be corrosive to metals.

Classification is based on test data.

Health: Skin corrosion, category 1B



Regulation EC No 1907/2006 Art.31

Productname: Rust Remover Ref.Nr.: BDS000961 3 20170629 (EN) **Creationdate :** 29.06.17 Version : 4.0 **Replaces:** BDS000961_20150327

Causes severe skin burns and eye damage.

Classification based on calculation method.

Environment: Not classified

Classification based on calculation method.

Other hazards: Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:

phosphoric acid, orthophosphoric acid

Hazard pictogram(s):

Signal word: Danger

Hazard statement(s): H290 : May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

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

P260 : Do not breathe dust/fume/gas/mist/vapours/spray.

P280 : Wear protective gloves/protective clothing/eye protection/face

protection.

P301/330/331 : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303/361/353 : IF ON SKIN (or hair): Remove/Take off immediately all

contaminated clothing. Rinse skin with water/shower.

P310 : Immediately call a POISON CENTER or doctor/physician.

P305/351/338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

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
phosphoric acid,orthophosphoric acid	01-2119485924-24	7664-38- 2	231- 633-2	25-50	Corr. 1B	H290,H314	А
1-methoxy-2-propanol; monopropylene glycol methyl ether	01-2119457455-55		203- 539-1	1-5	Flam. Liq. 3, STOT SE 3	H226,H336	А
alcohols, C9-11, ethoxylated	01-2119980051-45	68439- 46-3	614- 482-0	<1	Acute Tox. 4, Eye Dam. 1	H302,H318	



Regulation EC No 1907/2006 Art.31

Productname: Rust Remover

Ref.Nr.: BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961 20150327

Explanation notes

A: substance with Community workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

Contact with skin: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

Wash contaminated clothing before reuse.

Immediately call a POISON CENTER or doctor/physician.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation : May cause irritation.

Symptoms : sore throat, cough

Ingestion: May cause gastrointestinal disturbances

Symptoms: sore throat, abdominal pain, nausea, vomiting

Skin contact : Causes severe burns.

Symptoms : redness and pain

Eye contact : Causes serious eye damage.

Symptoms: redness and pain, impaired vision

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

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 give off noxious and toxic fumes in a fire

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water In case of fire, do not breathe fumes Wear breathing apparatus



Regulation EC No 1907/2006 Art.31

Productname:

Rust Remover

Ref.Nr.: BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961_20150327

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

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

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.

Eyewash bottles should be available

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)

Scale and rust remover

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits:



Regulation EC No 1907/2006 Art.31

 Productname :
 Rust Remover
 Creationdate :
 29.06.17 Version : 4.0

 Ref.Nr.:
 BDS000961_3_20170629 (EN)
 Replaces:
 BDS000961_20150327

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
phosphoric acid,orthophosphoric acid	7664-38-2	TWA	1 mg/m3
		STEL	3 mg/m3

8.2. Exposure controls

Control procedures: Ensure adequate ventilation Personal protection: 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. In case of insufficient ventilation, wear suitable respiratory equipment. inhalation: air purifying respirator equiped with ABEK type cartridge in combination with an recommended respiratory protection: oil proof solid and liquid particulate filter When handling the product wear chemical-resistant gloves (standard EN 374). hands and skin: 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: (neoprene) Wear safety eyewear according to EN 166. eyes: Avoid release to the environment. **Environmental protection:** Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state : Liquid. colour : Colorless.

odour: Characteristic odor.

pH: 1

Boiling point/range: 108 °C **Flash point**: None

Evaporation rate:

Not applicable.

Explosion limits: upper limit:

Not available.

Not available.

Vapour pressure:

Not applicable.

Not applicable.

1.3 g/cm3 (@ 20°C).

Solubility in water:

Insoluble in water

Auto-ignition :> 200 °CViscosity :Not available.

9.2. Other information



Regulation EC No 1907/2006 Art.31

Productname:

Rust Remover

Ref.Nr.: BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961_20150327

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

In case of fire, do not breathe fumes May give off noxious and toxic fumes in a fire

10.4. Conditions to avoid

heat

10.5. Incompatible materials

Strong oxidising agent May be corrosive to metals.

10.6. Hazardous decomposition products

CO,CO2

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:	Causes severe skin burns and eye damage.
serious eye damage/irritation:	Causes severe skin burns and eye damage.
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: May cause irritation.



Regulation EC No 1907/2006 Art.31

Productname: Rust Remover

Ref.Nr.: BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961_20150327

Ingestion: May cause gastrointestinal disturbances

Skin contact : Causes severe burns.

Eye contact : Causes serious eye damage.

Toxicological data:

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LD50 oral rat	4016 mg/kg
		LC50 inhal.rat	27596 mg/l
		LD50 derm.rabit	2000 mg/kg
alcohols, C9-11, ethoxylated	68439-46-3	LD50 oral rat	1000-1400 mg/kg
		LD50 derm.rabit	>2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LC50 fish	6812 mg/l
		EC50 daphnia	23300 mg/l
alcohols, C9-11, ethoxylated	68439-46-3	LC50 fish	10-100 mg/l
		EC50 daphnia	5-25 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

No information available

12.6. Other adverse effects

No experimental data available



Regulation EC No 1907/2006 Art.31

Productname:

Ref.Nr.:

Rust Remover

BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961_20150327

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.

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

SECTION 14: Transport information

14.1. UN number

UN-number: 1805

14.2. UN proper shipping name

Proper shipping name: PHOSPHORIC ACID SOLUTION

14.3. Transport hazard class(es)

Class: 8
ADR/RID - Classification code: C1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

ADR/RID - Environmentally hazardous:

IMDG - Marine pollutant: No IATA/ICAO - Environmentally hazardous:

14.6. Special precautions for user

 ADR/RID - Tunnelcode:
 (E)

 IMDG - Ems:
 F-A, S-B

 IATA/ICAO - PAX:
 852

 IATA/ICAO - CAO
 856

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.



Regulation EC No 1907/2006 Art.31

Productname: Ru

Ref.Nr.:

Rust Remover

BDS000961_3_20170629 (EN)

Creationdate : Replaces:

29.06.17 Version : 4.0 BDS000961 20150327

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: H226: Flammable liquid and vapour.

H290 : May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318 : Causes serious eye damage.

H336: May cause drowsiness or dizziness.

REVISIONS IN CHAPTRE : 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.

