

SAFETY DATA SHEET

SAFER RUST REMOVER

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Compilation date: 17/11/2015

Revision date: 19/11/2015

Revision No: 2

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

1.1. Product identifier

Product name: SAFER RUST REMOVER

Product code: R37

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

Use of substance / mixture: Rust remover

1.3. Details of the supplier of the safety data sheet

Company name: RUSTBUSTER LTD
UNIT 2, WELLAND HOUSE
CRADGE BANK
SPALDING
SOUTH LINCOLNSHIRE
PE11 3AN

Tel: 01775 761222

Email: www.rust.co.uk

1.4. Emergency telephone number

Emergency tel: 01775 761222

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

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

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P302+352: IF ON SKIN: Wash with plenty of water/.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313: Get medical advice/attention.

P332+313: If skin irritation occurs: Get medical attention.

2.3. Other hazards

Other hazards: This product is not hazardous to health or the environment according to EC criteria

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

GLYCOLIC ACID

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-180-5	79-14-1	-	Acute Tox. 4: H332; Skin Corr. 1B: H314	1-4.9%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

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5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

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DNEL/PNEC Values

Hazardous ingredients:

GLYCOLIC ACID

Type	Exposure	Value	Population	Effect
DNEL	Inhalation - Acute	9.2 mg/m ³	Workers	Systemic
DNEL	Inhalation - ACute	9.2 mg/m ³	Workers	Local
DNEL	Skin Contact - Long Term	57.69 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation - Long Term	10.56 mg/m ³	Workers	Systemic
DNEL	Inhalation - Long Term	1.53 mg/m ³	Workers	Local
DNEL	Inhalation - Acute	2.3 mg/m ³	Consumers	Systemic
DNEL	Skin Contact - Long Term	28.85 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.3 mg/m ³	Consumers	Local
DNEL	Ingestion - Long Term	0.75 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation - Long Term	2.6 mg/m ³	Consumers	Systemic
PNEC	Fresh water	0.0312mg/l	-	-
PNEC	Marine water	0.0031 mg/l	-	-
PNEC	Fresh water sediments	0.115 mg/kg	-	-
PNEC	Marine sediments	0.0115 mg/kg	-	-
PNEC	Soil (agricultural)	0.007 mg/l	-	-
PNEC	Sewage Treatment Plants	7 mg/l	-	-
PNEC	Food chain	16.66 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidising: No data available.

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

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Flash point°C: >93
Autoflammability°C: No data available.
Relative density: 1.071
VOC g/l: 0

upper: No data available.
Part.coeff. n-octanol/water: No data available.
Vapour pressure: No data available.
pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

GLYCOLIC ACID

DERMAL	MAN	-	>5,000	mg/kg
ORAL	RAT	LD50	2,040	mg/kg
VAPOURS	RAT	4H LD50	3.6	mg/l

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

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Serious eye damage/irritation	OPT	Hazardous: calculated
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Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

GLYCOLIC ACID

Daphnia magna	48H EC50	141	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H ErC50	44	mg/l
GREEN ALGAE (Selenastrum capricornutum)	72H NOEC	20	mg/l
Pimephales (Fathead Minnow)	96H LC50	164	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	5,000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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Section 14: Transport information

14.1. UN number

UN number: n/a

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport class: n/a

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

