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

1.1 Product identifier

Trade name/designation WEISS RUST REMOVER / RCI

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

No data available

1.3 Details of the supplier of the safety data sheet

Manufacturer

WEISS Steinpflegeprodukte

Wiesing 20a

AUSTRIA-5143 Feldkirchen

E-mail: info@weiss.sc

Dept. responsible for information: Labor

Information telephone: +43 7748 32271

E-mail (competent person): dsd@weiss.sc

1.4 Emergency telephone number

Poison Information Center: +44 845 4647, +44 8454 24 24 24

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

health hazards

Skin Corr. 1B

hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

hazard statements for health hazards

H318 Causes serious eye damage.

Physical hazards

Met. Corr. 1

hazard statements for physical hazards

H290 May be corrosive to metals.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling

phosphoric acid

Hazard pictograms



GHS05

Signal word

Danger

Hazard statements

Hazard statements for physical hazards:

H290 May be corrosive to metals.

hazard statements for health hazards

H314 Causes severe skin burns and eye damage.

Precautionary statements

General:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+ P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/or shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor/.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to an appropriate recycling or disposal facility.

Special rules on packaging

Child-resistant fastenings (EN/862/ISO 8317). Tactile warning according to EN/ISO 11683.

2.3 Other hazards

Results of PBT and vPvB assessment

not applicable

SECTION 3: Composition / information on ingredients

3.1/3.2 Substances/Mixtures

Hazardous ingredients

phosphoric acid ... %	<25 %
CAS 7664-38-2	
EC 231-633-2	
INDEX 015-011-00-6	
Skin Corr. 1B, H314	

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder

Sand

Water

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures

Remove persons to safety.

Personal precautions

Use personal protection equipment.

For emergency responders

Personal protection equipment

Use appropriate respiratory protection. Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Sand

Universal binder

Sawdust

For cleaning up

Suitable material for diluting or neutralizing:

Water

6.4 Reference to other sections

Personal protection equipment: see section 8

Safe handling: see section 7

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Work in well-ventilated zones or use proper respiratory protection. Wash hands before breaks and after work.

Protective measures

Advices on safe handling

Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS No.	Substance name	LTV	STV	remark
7664-38-2	Orthophosphoric acid	1 mg/m ³	2 mg/m ³	Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] ~ European Union

LTV = long-term occupational exposure limit value

STV = short-term occupational exposure limit value

source: GESTIS International Limit Values (<http://limitvalue.ifa.dguv.de/>)

Monitoring and observation processes: GESTIS Analytical Methods (<http://amcaw.ifa.dguv.de/>)

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection:

Eye glasses

Skin protection

Suitable gloves type:

Disposable gloves

Suitable material:

Butyl caoutchouc (butyl rubber)

FKM (fluoro rubber)

NBR (Nitrile rubber)

remark

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection

Suitable respiratory protection apparatus:

Self-contained respirator (breathing apparatus) (DIN EN 133)

remark

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

liquid

Colour

transparent

Odour

acidic

		parameter	Method - source - remark
pH	<2	Temperature 20 °C	
Melting point/freezing point			not determined
Initial boiling point and boiling range	>90 °C		
Flash point (°C)			not applicable
Evaporation rate			not determined
flammability			not applicable
Upper explosion limit			not applicable
lower explosion limit			not applicable
Vapour pressure			not determined
Vapour density			not determined
Relative density	ca. 1,1 g/cm ³	Temperature 20 °C	Density
Fat solubility (g/L)			not determined
Water solubility (g/L)			completely miscible
Soluble (g/L) in			not determined
Partition coefficient: n-octanol/water			not determined
Auto-ignition temperature			not applicable
Decomposition temperature			not determined

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

Reacts with alkali and metals

Reaction with strong oxidizing agents

10.4 Conditions to avoid

Corrosive to metals

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

Additional information

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

11.1 Information on toxicological effects

skin corrosion/irritation

Assessment/classification

Causes severe skin burns and eye damage.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

Assessment/classification

Based on available data, the classification criteria are not met.

Reproductive toxicity

Assessment/classification

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

Additional ecotoxicological information

Additional information

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Must not reach sewage water or drainage ditch undiluted or unneutralised. Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

Assessment/classification

not determined

12.2 Persistence and degradability

Assessment/classification

not determined

12.3 Bioaccumulative potential

Assessment/classification

not determined

12.4 Mobility in soil

Assessment/classification

not determined

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Package

Recycle according to official regulations.

Waste code product 161001

hazardous waste Yes.

Waste name

aqueous liquid wastes containing hazardous substances

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	1760	1760	1760
14.2 Proper Shipping Name	CORROSIVE LIQUID, N.O.S. (phosphoric acid)	CORROSIVE LIQUID, N.O.S. (phosphoric acid)	Corrosive liquid, n.o.s. (phosphoric acid)
14.3 Class(es)	8	8	8
14.4 Packing group	III	III	III
14.5 ENVIRONMENTALLY HAZARDOUS	No	No	No
14.6 Special precautions for user	not applicable	not applicable	not applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not applicable	not applicable	not applicable

Additional information - Land transport (ADR/RID)

Hazard label(s)	8
Classification code	C9
Limited quantity (LQ)	5 L
Hazard identification number (Kemler No.)	80
tunnel restriction code	E
transport category	3

Additional information - Air transport (ICAO-TI / IATA-DGR)

Limited quantity (LQ)	1
------------------------------	---

SECTION 15: Regulatory information

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

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

H290 May be corrosive to metals.