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

### 1.1 Product identifier

Trade name/designation WEISS 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

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## 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.

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### 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

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## 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

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## 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

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

No data available

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### 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.

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### 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

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### 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.

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**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

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**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 <sup>3</sup> | 2 mg/m <sup>3</sup> | Bold-type: Indicative<br>Occupational Exposure Limit<br>Values [2,3] and Limit Values<br>for Occupational Exposure [4]<br>~<br>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.

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**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 <sup>3</sup> | 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.

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## 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.

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## 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.

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## 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.<br>(phosphoric acid) | CORROSIVE LIQUID, N.O.S.<br>(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)**

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

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

|                              |   |
|------------------------------|---|
| <b>Limited quantity (LQ)</b> | 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.