

## SAFETY DATA SHEET

JENOLITE RUST REMOVER JELLY

88980, 88985, 83388

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Compilation date: 04/05/2020

Revision No: 13

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

#### 1.1. Product identifier

**Product name:** JENOLITE RUST REMOVER JELLY

**Product code:** 88980, 88985, 83388

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

**Use of substance / mixture:** Rust removal from metal surfaces.

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

**Company name:** Jenolite (UK) Ltd

Chater Lea Buildings

Icknield Way

Letchworth

Hertfordshire

SG6 1WT

UK

**Tel:** +44 (0) 1234 924 794

**Email:** Sales@Jenolite.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1234 924 794

(office hours only)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Skin Corr. 1B: H314

**Most important adverse effects:** Harmful if swallowed. Causes severe skin burns and eye damage.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

**Hazard pictograms:** GHS05: Corrosion

GHS07: Exclamation mark



**Signal words:** Danger

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

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

P264: Wash exposed skin thoroughly after handling.

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

P301+312: IF SWALLOWED: Call a if you feel unwell.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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: Dispose of contents/container to comply with Local, National and International requirements.

#### 2.3. Other hazards

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

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

**Hazardous ingredients:**

| EINECS    | CAS        | Product              | CLP Classification  | Percent |
|-----------|------------|----------------------|---------------------|---------|
| 231-633-2 | 7664-38-2  | Orthophosphoric Acid | Skin Corr. 1B: H314 | 30-50%  |
| 614-481-5 | 68439-45-2 | Synperonic 91/8      | Acute tox 4         | <1 %    |

### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**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 mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

[cont...]  
[cont...]



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

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

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**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. 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 the formation or spread of mists in the air. Avoid direct contact with the substance.

**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.

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#### Section 8: Exposure controls/personal protection

##### 8.1. Control parameters

**Hazardous ingredients:**

**ORTHOPHOSPHORIC ACID...100%**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA          | 15 min. STEL        | 8 hour TWA | 15 min. STEL |
|-------|---------------------|---------------------|------------|--------------|
| UK    | 1 mg/m <sup>3</sup> | 2 mg/m <sup>3</sup> | -          | -            |

##### DNEL/PNEC Values

**DNEL / PNEC** No data available.

##### 8.2. Exposure controls

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

**Respiratory protection:** Respiratory protection not required.

**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:** Cream

**Odour:** None.

**Oxidising:** Oxidising (by EC criteria)

**Solubility in water:** Soluble

**Kinematic viscosity:** > 40 poise

**Viscosity test method:** Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Boiling point/range°C:** > 100

**Melting point/range°C:** 40 - 60

**Flash point°C:** >93

**Relative density:** 1.29

**pH:** <2

##### 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.

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#### 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

##### Toxicity values:

| Route   | Species | Test | Value | Units             |
|---------|---------|------|-------|-------------------|
| VAPOURS | HMN     | TCLO | 100   | mg/m <sup>3</sup> |
| ORAL    | RAT     | LD50 | 1530  | mg/kg             |
| DERMAL  | RBT     | LD50 | 2740  | mg/kg             |

##### Hazardous ingredients:

##### ORTHOPHOSPHORIC ACID...100%

|     |     |      |      |       |
|-----|-----|------|------|-------|
| ORL | RAT | LD50 | 1530 | mg/kg |
|-----|-----|------|------|-------|

##### Relevant hazards for product:

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4)   | ING   | Hazardous: calculated |
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

[cont...]

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#### Section 12: Ecological information

##### 12.1. Toxicity

###### Ecotoxicity values:

| Species       | Test                 | Value | Units |
|---------------|----------------------|-------|-------|
| Mosquito/Fish | TLM 24-96hrs in Turb | 138   | 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.

**Disposal of packaging:** 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.

#### Section 14: Transport information

##### 14.1. UN number

**UN number:** UN3264

##### 14.2. UN proper shipping name

**Shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(ORTHOPHOSPHORIC ACID)

##### 14.3. Transport hazard class(es)

**Transport class:** 8

##### 14.4. Packing group

**Packing group:** III

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**14.5. Environmental hazards**

Environmentally hazardous: No

Marine pollutant: No

**14.6. Special precautions for user**

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

**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 2015/830.

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

**Phrases used in s.2 and s.3:** H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

**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.