

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1. Product identifier**

Product name: Q12 Rust Remover

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

Company name: Q Oil Europe Ltd,  
Unit 2, Crown Point Ind Est Sth,  
King Street,  
Denton,  
Manchester, M34 6HE  
United Kingdom

Tel: +44 (0) 161 484 6505

Email: office@qoileurope.com

**1.4. Emergency telephone number**

Emergency tel: +44 (0) 161 484 6505 (Office Hours Only)

**Section 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification under CHIP: C: R34

Classification under CLP: Skin Corr. 1B: H314

Most important adverse effects: Causes burns.

**2.2. Label elements**

Label elements under CLP:

Hazard statements: H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion



Precautionary statements: P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of water/soap.  
P305+351+338: 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/first aid.

**Section 2: Hazards identification cont'd**
**2.3. Other hazards**

**PBT:** This substance is not identified as a PBT substance.

**Section 3: Composition/Information on Ingredients**
**3.2. Mixtures**
**Hazardous ingredients:**

| EINECS  | CAS        | PBT / WEL | CLP Classification   | Percent |
|---|------------|-----------|--|---------|
| ORTHOPHOSPHORIC ACID - REACH registered number(s): 01-2119485924-24 |            |           |  |         |
| 231-633-2   | 7664-38-2  | -         | Skin Corr. 1B: H314  | 10-30%  |
| ALCOHOLS, C12-14, ETHOXYLATED (1-2,5 EO), SULFATES, SODIUM SALTS    |            |           |  |         |
| 500-234-8   | 68891-38-3 | -         | Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412 | 5-10%   |

**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. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

**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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**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

### 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 As required for surrounding fire.

**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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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. 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.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**Workplace exposure limits:**

**Respirable dust**

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
|-------|------------|--------------|------------|--------------|

ORTHOPHOSPHORIC ACID

|    |                     |                     |   |   |
|----|---------------------|---------------------|---|---|
| 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:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Tightly fitting safety goggles. 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

|                               |                               |                                     |                    |
|-------------------------------|-------------------------------|-------------------------------------|--------------------|
| <b>State:</b>                 | Liquid                        | <b>Melting point/range°C:</b>       | 0                  |
| <b>Colour:</b>                | Colourless                    | <b>upper:</b>                       | Not applicable.    |
| <b>Odour:</b>                 | Pleasant                      | <b>Part.coeff. n-octanol/water:</b> | No data available. |
| <b>Evaporation rate:</b>      | Slow                          | <b>Vapour pressure:</b>             | Not applicable.    |
| <b>Oxidising:</b>             | Not applicable.               | <b>pH:</b>                          | Approx. 7          |
| <b>Solubility in water:</b>   | Soluble                       |                                     |                    |
| <b>Viscosity:</b>             | Viscous                       |                                     |                    |
| <b>Boiling point/range°C:</b> | 100                           |                                     |                    |
| <b>Flammability limits %:</b> | <b>lower:</b> Not applicable. |                                     |                    |
| <b>Flash point°C:</b>         | Not applicable.               |                                     |                    |
| <b>Autoflammability°C:</b>    | Not applicable.               |                                     |                    |
| <b>Relative density:</b>      | 1.150                         |                                     |                    |
| <b>VOC g/l:</b>               | Not applicable.               |                                     |                    |

### 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. Hot surfaces.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong bases.

**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:**

ORTHOPHOSPHORIC ACID

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

Relevant hazards for substance:

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

**Section 11: Toxicological information Cont'd****Symptoms / routes of exposure**

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

**Section 12: Ecological information****12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil. Soluble in water.

**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.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**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**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**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.  
Product is not classified as hazardous for transport by Road under ADR 2015 Provision 2.2.8.1.9.

**Phrases used in s.2 and s.3:** H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H412: Harmful to aquatic life with long lasting effects.

**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.