

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

### 1.1 Product Name: OXICLEAR

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

**Company name:** TVSP Ltd  
PO Box 1945  
Maidenhead  
SL62DD  
United Kingdom  
**Tel:** +44 (0)1628 687 022  
**Email:** Info@algoclear.com

### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)01628 687 022 - Day only.

**1.3 Product Description:** A viscous, acid- based cleaner for the de-rusting, de-scaling and for the brightening of aluminium. Designed for longer contact times on vertical services.

**Product Code:** OX

## 2. HAZARD IDENTIFICATION

**2.1** Product is classed as CORROSIVE.

**2.2 Risk Phrases:** R34 Causes burns.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS.

**3.1** Contains phosphoric acid, surfactants, thickeners and corrosion inhibitors.

**3.2 Hazardous ingredients: CAS No: EINECS No: %w.w Nature of Hazard:**

Phosphoric acid 7664-38-2 231-633-2 30-60 Corrosive, R34

## 4. FIRST AID MEASURES

**4.1 Eyes:** Rinse immediately with plenty of water and continue for at least 15 mins. Seek medical advice if irritation persists.

**4.2 Skin:** Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical advice if redness or irritation persists.

**4.3 Ingestion:** Wash out mouth with water. Drink water; at least 500 ml(1 pint) and seek medical advice. Do not induce vomiting.

**4.4 Inhalation:** If spray or mist is inhaled, remove person to fresh air, rest and keep warm. Seek medical advice if feeling unwell.

## 5. FIRE FIGHTING MEASURES

Non-flammable. If drums are involved in a fire, spray with water to keep cool in order to minimize leakage and damage. If drum leakage is exposed to a fire, use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

Wear personal protective clothing (see below in Section 8). The area affected by the spill will be very slippery so proceed with caution and place the appropriate warning signs. Contain spills with dry earth or sand.

The contained spillage should be carefully scraped up and placed in secure plastic drums. Neutralize residues by the addition of hydrated lime or soda ash. Do not allow spillage to enter the surface drainage system. Small spills may be hosed away without problems; preferably to the foul sewer.

## 7. HANDLING AND STORAGE

Store between 0 °C and 30 °C. Do not store near bleach or strong alkalis. Wear protective clothing (see Section 8 below) when handling neat or dilute product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear waterproof clothing, boots, gloves and suitable eye/face protection when handling neat or diluted product. Eye wash facilities should be on hand.

### 8.1 Workplace Exposure Limits (WELs):

Phosphoric acid has a Long Term Exposure Limit of 1 mg/m<sup>3</sup> and a Short Term Exposure Limit of 2 mg/m<sup>3</sup>. The product contains approx. 40% of this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Appearance:** Pale brown, viscous liquid.

**9.2 Odour:** Slightly acidic.

**9.3 pH:** Neat: 0.4 10%:1.0 1%: 1.5

**9.4 Density@20 °C :** 1.27 g/ml

**9.5 Flash Point:** Non-flammable.

**9.6 Solubility in Water:** Completely miscible.

## 10. STABILITY AND REACTIVITY

Stable under normal conditions of use and storage. Do not mix with oxidising agents, bleach or alkaline materials. Avoid contact with metals as this creates corrosion and the evolution of hydrogen. If burnt, will generate phosphoric acid fumes and the oxides of phosphorus.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Contact with eyes:** Causes irritation and burning. If not treated by washing with water immediately, could cause permanent damage.

**11.2 Contact with skin:** Will cause irritation and burning if not washed off with water.

**11.3 Ingested:** Causes soreness and burning of mouth and throat . Will cause nausea, shock and maybe convulsions and collapse.

**11.4 Inhaled:** If spray or mist is inhaled, will cause burning of mouth, nose and throat.

## 12. ECOLOGICAL INFORMATION

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. 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. The main concern is the acidity of the product and this would prove harmful to aquatic species so therefore the product should not be allowed to pollute natural Watercourses.

## 13. DISPOSAL CONSIDERATIONS

Consult local authority before disposal. Small quantities can be disposed of via foul sewer and it will not present any problems to the local water treatment works.

## 14. TRANSPORT INFORMATION

**UN No :** 1805 **Name:** Phosphoric acid solution.  
**ADR Hazard Class:** CORROSIVE 8 **Packaging Group:** III

## 15. REGULATORY INFORMATION

The preparation requires a formal COSHH assessment which should ensure that employees are aware of hazards/precautions detailed in this data sheet. The COSHH assessment should also ensure that recommended safety equipment is available and, where applicable, the exposure limits detailed in Section 8 are not being exceeded.

### Label for Supply:

**Risk Phrases:** R34 Causes burns.

### Safety Phrases:

S26 In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label or this data sheet).

**U.K. Regulatory References:** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 which closely follows the European Commissions labeling guide (Annex VI to Directive 67/548/EEC). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR.

Workplace Exposure Limits EH40.2005 (2nd edition published 2011).

REACH: Regulation 1907/2006/EC effective June 1st , 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH.

## 16. OTHER INFORMATION

It is the responsibility of the user to ensure safe working conditions. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe working environment.

**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.