

# SAFETY DATA SHEET

Page 1

LONGPHOS

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

**Product name:** LONGPHOS

**Product code:** ZIR150

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Contains:** Contains Zirconium compounds CAS NO: 7440-67-7 1-5 %

Contains additional un-classified components

## 3. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes and respiratory system.

## 4. FIRST AID MEASURES (SYMPTOMS)

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

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

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

**Inhalation:** No inhalation symptoms known. product not likely to be inhaled during use.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Not likely to be inhaled due to nature of use. Seek medical attention if any discomfort persists.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water based product with no special Hazards. Non flammable. use extinguishing media appropriate for surrounding fire.

**Exposure hazards:** No special exposure hazards. In combustion, packaging may emit toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** No special handling measure are required for this product. Approved gloves and eye protection should be worn at all times.

**Storage conditions:** Store in cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging. Do not use steel containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** No special engineering measures required.

**Respiratory protection:** Respiratory protection not required during normal methods of use. For further information consult Ribble Technology.

**Hand protection:** Protective gloves. Gloves (acid resistant).

**Eye protection:** Safety goggles.

**Skin protection:** Use normal standards of Industrial hygiene. Wear approved skin and eye protection as listed above.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Off-white

**Odour:** Barely perceptible odour

**Viscosity:** Non-viscous

**Oxidising:** Non-oxidising (by EC criteria)

**Evaporation rate:** Negligible

**Solubility in water:** Miscible in all proportions

**Boiling point/range°C:** N.A.

**Melting point/range°C:** N.A.

**Flammability limits %: lower:** N.A.

**upper:** N.A.

**Flash point°C:** N.A.

**Part.coeff. n-octanol/water:** N.A.

**Autoflammability°C:** N.A.

**Vapour pressure:** as water

**Relative density:** 1.02 - 1.10

**pH:** 1.5 - 3.0

## LONGPHOS

**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Alkalies and other chemical products.**Materials to avoid:** Strong bases. Finely powdered metals.**Haz. decomp. products:** Non - Flammable . May emit toxic fumes of Carbon monoxide and Carbon Dioxide. May emit Irritant acidic gasses.**11. TOXICOLOGICAL INFORMATION****Effects of exposure** As listed under symptoms (Section4)**Routes of exposure** Danger of cumulative effects if swallowed.**12. ECOLOGICAL INFORMATION****Mobility:** Non-volatile. Soluble in water.**Persistence and degradability:** Expected to be biodegradable although no data on this blend is available.**Bioaccumulative potential:** No bioaccumulative potential expected based on properties of constituents.**Other adverse effects:** Harmful to aquatic organisms. can cause damage to vegetation.**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Neutralise with excess sodium bicarbonate solution. Disposal should be dealt with only by qualified personnel familiar with the specific substance.**Disposal of packaging** Retain for recovery. Return to supplier.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** Irritant.**Risk phrases:** R36/37: Irritating to eyes and respiratory system.**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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 the label where possible).

S64: If swallowed, rinse mouth with water (only if the person is conscious).

Zirconium phosphate solution. Contains Zirconium compounds 1-5 %.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or

**SAFETY DATA SHEET**  
LONGPHOS

provisions.

**16. ADDITIONAL INFORMATION**

**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.

