



## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Irrit. 2: H319  
**Most important adverse effects:** Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

**Hazard Statements:** H319: Causes serious eye irritation.  
H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS07: Exclamation mark



**Signal Word:** Warning

**Precautionary Statements:** P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection. P305 +351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313: If eye irritation persists: Get medical advice/attention.  
P501: Dispose of contents/container to hazardous or special waste collection point.

### 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:

PHOSPHORODITHIOIC ACID, O,O-DI-C1-14-ALKYL ESTERS, ZINC SALTS, (Z)-N-METHYL-N-(1-OXO-9-OCTADECENYL)GLYCINE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Acute Tox. 4: H302; Acute Tox. 4: H312; Aquatic Chronic 2: H411	1-10%

PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(2-ETHYLHEXYLAND ISO-BU AND ISO-PR) ESTERS, ZINC SALTS

288-917-4	85940-28-9	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411	1-10%
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O,O,O-TRIPHENYL PHOSPHOROTHIOATE

209-909-9	597-82-0	-	Aquatic Chronic 4: H413	<1%
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## **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. Consult a doctor.  
**Inhalation:** Not applicable.

### **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 irritation of the throat.  
**Inhalation:** Not applicable.

**Delayed / immediate effects:** Continuous skin contact may cause skin sensitivity and dermatitis.

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

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

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Carbon dioxide.

### **5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### **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. Turn leaking containers leakside 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.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

**Suitable packaging:** Not applicable.

### **7.3. Specific end use(s)**

**Specific end use(s):** PC24: Lubricants, greases, release products.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

**Workplace exposure limits:** No data available.

#### **DNEL/PNEC Values**

**DNEL / PNEC:** No data available.

### **8.2. Exposure controls**

**Engineering measures:** Not applicable.

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

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** No special requirement.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**State:** Grease

**Colour:** Pale brown

**Odour:** Odourless

**Solubility in water:** Insoluble

**Melting point/range°C:** >200

**Flash point°C:** >200

**Autoflammability°C:** >200

**Relative density:** 0.92

### **9.2. Other information**

**Other information:** Not applicable.

## 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. Sources of ignition. Flames.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

**Hazardous decomposition products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

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

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

**Ingestion:** There may be irritation of the throat.

**Inhalation:** Not applicable.

**Delayed / immediate effects:** Continuous skin contact may cause skin sensitivity and dermatitis.

**Other information:** Not applicable.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Insoluble in water. Floats on water. Absorbed only slowly 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.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Dispose of as normal industrial waste.

**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

## **SECTION 16: Other information**

### **Other information:**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

### **Phrases used in s.2 and s.3:**

H302: Harmful if swallowed.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.  
H413: May cause long lasting harmful effects to aquatic life.

### **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.