

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** HIGH TEMP GREASE 2**Article number:** TG8504**Supplier Product Code** 1109**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC24: Lubricants, greases, release products.**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial  
Unit 31, Kyle Road Industrial Estate  
Irvine  
Ayrshire  
KA12 8LE  
Tel +44 (0) 1294 311 066**Further information  
obtainable from:** Email [technical@tygrisindustrial.com](mailto:technical@tygrisindustrial.com)  
Technical Department**1.4 Emergency telephone  
number:** Tel +44 (0) 1294 311 066

#### 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

<b>Skin contact:</b>	Wash immediately with plenty of soap and water.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes.
<b>Ingestion:</b>	Wash out mouth with water. Do not induce vomiting. Consult a doctor.
<b>Inhalation:</b>	Not applicable.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Skin contact:</b>	There may be mild irritation at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness.
<b>Ingestion:</b>	There may be irritation of the throat.
<b>Inhalation:</b>	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.