

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1 Product identifier**

Trade name: LITHIUM GREASE EP00

Article number: TG9312

Supplier Product Code 1170

**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  
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: This product has no classification under CLP.

2.2. Label elements This product has no label elements.

**2.3. Other hazards**

PBT: This product is not identified as a PBT/vPvB substance.

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**
**Non-classified ingredients:**

MINERAL OIL - REACH registered number(s): 01-2119495601-36

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-169-7	64742-65-0	-	-	70-90%

MEDIUM VISCOSITY MINERAL OIL

-	64742-62-7	-	-	10-30%
---	------------	---	---	--------

LITHIUM 12 HYDROXY STEARATE

231-536-5	7620-77-1	-	-	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%
-----------	------------	---	---	-----

SULPHURISED VEGETABLE FATTY ACID ESTER AND HYDROCARBONS POLYMER

-	NON REGULATO RY	-	-	<1%
---	-----------------------	---	---	-----

SULPHURISED ESTER

-	-	-	-	<1%
---	---	---	---	-----

DICALCIUM PHOSPHATE ANHYDROUS

231-826-1	7757-93-9	-	-	<1%
-----------	-----------	---	---	-----

BITUMINOUS PRIME COAT

-	-	-	-	<1%
---	---	---	---	-----

BUTYL GLYCOL - REACH registered number(s): 01-2119475108-36

203-905-0	111-76-2	-	Acute Tox. 4: H302+H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332	<1%
-----------	----------	---	--	-----

METHYL-1H BENZOTRIAZOLE

249-596-6	29385-43-1	-	Aquatic Chronic 2: H411; Acute Tox. 4: H302	<1%
-----------	------------	---	---	-----

## 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. Seek medical attention if irritation persist.
<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>	No symptoms.

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

<b>Immediate / special treatment:</b>	No data available.
---------------------------------------	--------------------

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

<b>Extinguishing media:</b>	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

<b>Exposure hazards:</b>	In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
--------------------------	--

### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	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

<b>Personal precautions:</b>	Refer to section 8 of SDS for personal protection details. Turn leaking containers leakerside up to prevent the escape of liquid.
------------------------------	---

### 6.2. Environmental precautions

<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
-----------------------------------	---

### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures:</b>	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

<b>Reference to other sections:</b>	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 container tightly closed.

**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. Ensure eye bath is to hand.

**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:** Brown

**Odour:** Odourless

**Solubility in water:** Insoluble

**Melting point/range °C:** > 100

**Flash point °C:** > 200

**Autoflammability °C:** > 250

**Relative density:** 0.91

**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. 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

**Toxicity values:** No data available.

## Symptoms / routes of exposure

**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:** No data available.

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

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed 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:** No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** 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****SECTION 16: Other information**

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

**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.