

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** BLUE LITHIUM COMPLEX GREASE**Article number:** TG8905**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  
Fax +44 (0) 1294 277 115  
Email technical@tygrisindustrial.com**Further information obtainable from:** 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**

**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. Seek medical attention if irritation persists.
- Ingestion:** Wash out mouth with water. Do not induce vomiting.

**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.
- Delayed / immediate effects:** No data available.

**4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**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.

**6.2. Environmental precautions**

- Environmental precautions:** Do not discharge into drains or rivers.

**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.

### 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:** Blue

**Odour:** Barely perceptible odour

**Solubility in water:** Insoluble

**Melting point/range °C:** >200

**Flash point °C:** >200

**Autoflammability °C:** >200

**Relative density:** 0.930

### 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:** Flames. Sources of ignition.

**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**
**Excluded hazards for substance:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

**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.

**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:** 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:** 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.

**Recovery operations:** Not applicable.

**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.