

**1.1 Product identifier**

**Trade name:** SILIXIS+  
**Article number:** TG6301

**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](mailto:technical@tygrisindustrial.com)  
Technical Department

**Further information obtainable from:**

Tel +44 (0) 1294 311 066

**1.4 Emergency telephone number:****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**

<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.
<b>Delayed / immediate effects:</b>	Continuous skin contact may cause skin sensitivity and dermatitis.

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

<b>Immediate / special treatment:</b>	Not applicable.
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## **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. Carbon dioxide.
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### **5.2. Special hazards arising from the substance or mixture**

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

<b>State:</b>	Grease
<b>Colour:</b>	Off-white
<b>Odour:</b>	Odourless
<b>Solubility in water:</b>	Insoluble
<b>Melting point/range °C:</b>	>150
<b>Flash point °C:</b>	>200
<b>Autoflammability °C:</b>	> 200
<b>Relative density:</b>	1.00

**9.2. 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**

**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:** 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:** Biodegradable in part only.

### **12.3. Bioaccumulative potential**

**Bioaccumulative potential:** Slightly bioaccumulable.

### **12.4. Mobility in soil**

**Mobility:** Insoluble in 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.
- 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.