

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

**1.1 Product identifier**

Trade name: **BE-100 ROPE LUBRICANT 00**

Article number: **TG7818**

**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

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**

**Hazardous ingredients:**

SODIUM NITRITE - REACH registered number(s): 01-2119471836

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-555-9	7632-00-0	-	Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400	<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.
<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

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

<b>Environmental precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
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### 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.
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### 6.4. Reference to other sections

<b>Reference to other sections:</b>	Refer to section 8 of SDS
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## 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:** Dark grey

**Odour:** Mild

**Solubility in water:** Insoluble

**Melting point/range °C:** >150

**Flash point °C:** >150

**Autoflammability °C:** >200

**Relative density:** 0.98

### 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**

**Hazardous ingredients:**

SODIUM NITRITE

ORL	MUS	LD50	175	mg/kg
ORL	RAT	LD50	180	mg/kg
SCU	RAT	LD50	96600	µg/kg

**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.
- 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**

<b>Other information:</b>	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.
<b>Phrases used in s.2 and s.3:</b>	H272: May intensify fire; oxidiser. H301: Toxic if swallowed. H400: Very toxic to aquatic life.
<b>Legal disclaimer:</b>	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.