

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**
**1.1. Product identifier**
**Trade name:** PROTEAN GEAR 150

**Article number:** TF9500

**1.2. Relevant identified uses of the substance or mixture and uses advised against**
**Use of substance / mixture:** Lubricating Oil

**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  
 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**
**Hazardous ingredients:**

MIXTURE OF PHOSPHATE DERIVATIVES - REACH registered number(s): 01-2119480426-35-0000

| EINECS | CAS         | PBT / WEL | CLP Classification                      | Percent |
|--------|-------------|-----------|---|---------|
| -      | 192268-65-8 | -         | Aquatic Chronic 4: H413; Repr. 2: H361d | <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

#### 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. |
|-----------------------------|---|

##### 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 firefighters

|                                  |  |
|----------------------------------|--|
| <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**

**Personal precautions:** 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**

**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.

**7.3. Specific end use(s)**

**Specific end use(s):** Lubricating Oil

**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 equipment:** 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>               | Oil         |
| <b>Colour:</b>              | Pale orange |
| <b>Odour:</b>               | Odourless   |
| <b>Solubility in water:</b> | Insoluble   |
| <b>Flash point °C:</b>      | > 200       |
| <b>Autoflammability °C:</b> | > 200       |
| <b>Relative density:</b>    | 0.87        |

**9.2. Other information**
**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**

**Haz. decomp. 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.

**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. Floats on water. 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:** Negligible ecotoxicity.

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

|                               |   |
|-------------------------------|---|
| <b>Disposal operations:</b>   | Transfer to a suitable container and arrange for collection by specialised disposal company.                    |
| <b>Recovery operations:</b>   | Not applicable.   |
| <b>Disposal of packaging:</b> | Dispose of as normal industrial waste.  |
| <b>NB:</b>                    | The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. |

**SECTION 14: Transport information**

|                         |   |
|-------------------------|---|
| <b>Transport class:</b> | 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**

|                              |                 |
|------------------------------|-----------------|
| <b>Specific regulations:</b> | 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> | H361d: Suspected of damaging the unborn child.<br>H413: May cause long lasting harmful effects 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. |