

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

Article number: TF9505

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

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|----------------------|----------------------------------------------------------------------|
| Skin contact: | Wash immediately with plenty of soap and water. |
| Eye contact: | Bathe the eye with running water for 15 minutes. |
| Ingestion: | Wash out mouth with water. Do not induce vomiting. Consult a doctor. |
| Inhalation: | Not applicable. |

4.2. Most important symptoms and effects, both acute and delayed

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|-------------------------------------|--------------------------------------------------------------------|
| 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. |

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Extinguishing media: | 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

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| Exposure hazards: | In combustion emits toxic fumes of carbon dioxide / carbon monoxide. |
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5.3. Advice for firefighters

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| Advice for fire-fighters: | 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 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

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|----------------------|-------------|
| State: | Oil |
| Colour: | Pale orange |
| Odour: | Odourless |
| Solubility in water: | Insoluble |
| Flash point °C: | > 200 |
| Autoflammability °C: | > 200 |
| Relative density: | 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**

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| 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

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|-------------------------|---------------------------------------------------------------|
| Transport class: | This product does not require a classification for transport. |
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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|------------------------------|-----------------|
| Specific regulations: | Not applicable. |
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15.2. Chemical safety assessment**SECTION 16: Other information**

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| Other information: | This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. |
| Phrases used in s.2 and s.3: | H361d: Suspected of damaging the unborn child. H413: May cause long lasting harmful effects to aquatic life. |
| 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. |