

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

**Trade name:** PROTEAN ULTIMA 1

**Article number:** TF6204

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** Lubricant, General machinery, Indirect food contact.

**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](mailto: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**

**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****3.1. Mixtures**

**Mixture:** Blend of oils with multifunctional additives.

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**

<b>Skin contact:</b>	Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.
<b>Eye contact:</b>	Remove contact lenses. Rinse with water immediately for at least 10 minutes. Obtain medical attention if any discomfort continues.
<b>Ingestion:</b>	If swallowed, drink plenty of water. Do not induce vomiting. Obtain immediate medical attention.

**4.2. Most important symptoms and effects, both acute and delayed**
**4.3. Indication of any immediate medical attention and special treatment needed**
**SECTION 5: Firefighting measures**
**5.1 Extinguishing media**

<b>Suitable extinguishing media:</b>	Use water spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.
<b>Unsuitable extinguishing media:</b>	Water stream.

**5.2. Special hazards arising from the substance or mixture**

<b>Exposure hazards:</b>	This product may give rise to hazardous fumes in a fire.
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**5.3. Advice for firefighters**

<b>Advice for firefighters:</b>	Wear self-contained breathing apparatus.
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**SECTION 6: Accidental release measures**
**6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions:</b>	Wear suitable protective equipment as in section 8.
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**6.2. Environmental precautions**

<b>Environmental precautions:</b>	Prevent from entering drainage systems or water courses.
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**6.3. Methods and material for containment and cleaning up**

<b>Clean-up procedures:</b>	Transfer into suitable containers for recovery or disposal. Scrub area with detergent and water to prevent slippery residues.
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**6.4. Reference to other sections**

<b>Reference to other sections:</b>	For PPE and disposal see sections 8 and 13 respectively.
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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, dry, ventilated area.

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

**Specific end use(s):** For general lubrication for equipment and machinery.

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

**Workplace exposure limits:** Not applicable.

##### DNEL/PNEC Values

**DNEL/PNEC:** No data available.

##### 8.2. Exposure controls

**Engineering measures:** Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

##### Protective equipment:



**Respiratory equipment:** Not required under normal circumstances.

**Skin protection:** PVC gloves.

**Eye / face protection:** Safety goggles/glasses if there is a risk of eye contact.

#### SECTION 9: Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

**State:** Smooth Grease

**Colour:** Cream / Beige

**Odour:** Faint

**Flash point °C:** Exceeds 250°C

**Density:** 0.82 (measured as kg/litre)

**Auto-ignition temperature:** Above 200°C

**NGLI:** Grade Specific (000,00,0,1,2)

##### 9.2. Other information

**SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity:** No dangerous reactions known under normal conditions of use.

**10.2. Chemical stability**

**Chemical stability:** Stable under proper storage and handling conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** No dangerous reactions known.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat, flame and other ignition sources.

**10.5. Incompatible materials**

**Materials to avoid:** Avoid contact with strong oxidising agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** Combustion will generate: smoke, carbon dioxide and carbon monoxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

**Toxicity values:** Low order of acute toxicity.

**SECTION 12: Ecological information****12.1. Toxicity****12.2. Persistence and degradability**

**Persistence and degradability:** Only slightly biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** Product is not expected to bio-accumulate.

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects**

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

**NB:** Dispose in a regulated landfill site or other method for hazardous or toxic waste.

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.

**Legend:**

- LTEL: Long term exposure limit
- STEL (SE): Short term exposure limit (Single exposure)
- STOT: Specific target organ toxicity
- PNEC: Predicted no effect concentration
- DNEL: Derived no effect level

**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.