

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name:** METAL WORKING PASTE  
**Article number:** T500

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

**Use of substance / mixture:** PC25: Metal working fluids.

### 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)

**Further information obtainable from:** Technical Department

**1.4 Emergency telephone number:** Tel +44 (0) 1294 311 066

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** EUH208

**Most important adverse effects:** Contains pine oils. May produce an allergic reaction.

### 2.2. Label elements

**Hazard Statements:** EUH208: Contains pine oils. May produce an allergic reaction.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance

### 3. Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous ingredients:

PINE OILS

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Flam. Liq. 3: H226; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411; Asp. Tox. 1: H304	<1%

### 4. First aid measures

#### 4.1. Description of first aid measures

- 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.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

- 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:** There may be irritation of the throat with a feeling of tightness in the chest.
- Delayed / immediate effects:** No data available.

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

- Immediate / special treatment:** Not applicable.

### 5. Firefighting measures

#### 5.1 Extinguishing media

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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

- Exposure hazards:** In combustion emits toxic fumes.

#### 5.3. Advice for fire-fighters

- Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 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. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** 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.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** PC25: Metal working fluids.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

PINE OILS

**Workplace exposure limits:**
**Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	556mg/m <sup>3</sup>	850mg/m <sup>3</sup>	-	-

**DNEL/PNEC Values**

PINE OILS

Type	Exposure	Value	Population	Effect
DNEL	Dermal	5mg/kg	Workers	Local
DNEL	Inhalation	5.8mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal	2.5 mg/kg	Consumers	Local
DNEL	Inhalation	1.25 mg/m <sup>3</sup>	Consumers	Local
PNEC	Fresh water	62ug/l	-	-
PNEC	Marine water	6.2ug/l	-	-
PNEC	Fresh water sediments	0.442	-	-
PNEC	Marine sediments	0.044mg/kg	-	-
PNEC	Soil	0.052mg/kg	-	-
PNEC	Oral	16.6mg/kg food	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Environmental:** No special requirement.

## 9. Physical and chemical properties

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

**State:** Paste

**Colour:** Black

**Odour:** Characteristic odour

### 9.2. Other information

**Other information:** No data available.

## 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.

### 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.

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

PINE OILS

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>3200	mg/kg
VAPOURS	RAT	4H LC50	4.76	mg/l

**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:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** No data available.

## 12. Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

PINE OILS

ALGAE	72H ErC50	68	mg/l
DAPHNIA	48H EC50	73	mg/l
FISH	96H LC50	62-80	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Insoluble in water.

### 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:** Toxic to aquatic organisms. Toxic to soil organisms.

## 13. Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport information

**Transport class:** This product does not require a classification for transport.

## 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

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## 16. Other information

**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:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H411: Toxic to aquatic life with long lasting effects.

**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.