

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name:** STD Metalworking Liquid

**Other identification:**

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

Metal working liquid

### 1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

### 1.4 Emergency telephone number

As per section 1.3

## Section 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 pictograms:** (none)

(none)

(none)

(none)

**Signal word:** (none)

**Hazard statements:**

**Precautionary statements:**

**Other label elements:** EUH208: Contains pine oils. May produce an allergic reaction.

### 2.3 Other hazards

This product is not identified as a PBT/vPvB substance

## Section 3: Composition / information on ingredients

### 3.1 Substances

### 3.2 Mixtures

DISTILLATES(PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

REACH registered number(s): 01-2119484627-25

EINECS: 265-157-1

CAS: 64742-54-7

PBT / WEL: -

CLP Classification: Asp. Tox. 1: H304

Percent: 30-50%

PINE OILS

CLP Classification: Flam. Liq. 3: H226; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;

Asp. Tox. 1: H304

Percent: < 1%

## Section 4: First aid measures

### 4.1 Description of first aid measures

**General:**

**Inhalation:** Consult a doctor.  
**Ingestion:** Wash out mouth with water.  
**Skin:** Wash immediately with plenty of soap and water.  
**Eye:** Bathe the eye with running water for 15 minutes.

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

**General:** Continuous skin contact may cause skin sensitivity and dermatitis.  
**Inhalation:** No symptoms.  
**Ingestion:** There may be irritation of the throat.  
**Skin:** There may be irritation at the site of contact.  
**Eye:** There may be irritation and redness.

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

Not applicable.

### **Section 5: Firefighting measures**

#### **5.1 Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

In combustion emits toxic fumes.

#### **5.3 Advice for firefighters**

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**

Refer to section 8 of SDS for personal protection details. Turn leaking containers leaktight up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

#### **6.2 Environmental precautions**

Do not discharge into drains or rivers. Contain the spillage using bunding.

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

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**

Refer to section 8 of SDS.

### **Section 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Ensure there is sufficient ventilation of the area.

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

Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Must only be kept in original packaging.

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

PC25: Metal working fluids.

### **Section 8: Exposure controls / personal protection**

#### **8.1 Control parameters**

Hazardous ingredients:  
DISTILLATES(PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

Workplace exposure limits, 8 hour TWA: 5 mg/m<sup>3</sup>

PINE OILS

8 hour TWA: 556mg/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 62µg/l - -  
PNEC Marine water 6.2µg/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: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

## **Section 9: Physical and chemical properties**

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

*Note: This information represents typical data and is not a specification.*

|                     |                   |
|---------------------|-------------------|
| State               | Liquid            |
| Colour              | Dark green        |
| Odour               | Perceptible odour |
| Solubility in water | Insoluble         |

### **9.2 Other information**

No data available.

## **Section 10: Stability and reactivity**

### **10.1 Reactivity**

Stable under recommended transport or storage conditions.

### **10.2 Chemical stability**

Stable under normal conditions.

### **10.3 Possibility of 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**

Heat.

### **10.5 Incompatible materials**

Strong oxidising agents. Strong acids.

### **10.6 Hazardous decomposition products**

In combustion emits toxic fumes.

## **Section 11: Toxicological information**

### **11.1 Information on toxicological effects**

Hazardous ingredients:

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

DERMAL RBT LD50: >5000 mg/m<sup>3</sup>

ORAL RAT LD50: >5000 mg/m<sup>3</sup>

VAPOURS RAT LD50: >5000 mg/m<sup>3</sup>

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: Not applicable.

## Section 12: Ecological information

### **12.1 Toxicity**

Hazardous ingredients:

DISTILLATES(PETROLEUM), HYDROTREATED HEAVY PARAFFINIC

Daphnia magna 96H LC50: 110 mg/l

FISH 72H ErC50: 110 mg/l

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**

Not biodegradable.

### **12.3 Bioaccumulative potential**

Bioaccumulation potential.

### **12.4 Mobility in soil**

Readily absorbed into soil.

### **12.5 Results of PBT and vPvB assessment**

This product is not identified as a PBT/vPvB substance.

### **12.6 Other adverse effects**

Toxic to aquatic organisms. Toxic to soil organisms.

## 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: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Disposal of packaging: 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.

## Section 14: Transport information

### **General**

ADR LQ: 5L

### **14.1 UN Number**

UN3082

### **14.2 UN proper shipping name**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

### **14.3 Transport hazard class(es)**

9

### **14.4 Packing group**

III

### **14.5 Environmental hazards**

Environmentally hazardous: Yes

Marine pollutant: No

#### **14.6 Special precautions for user**

No special precautions.

#### **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

### **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**

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

### **Section 16: Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used above:

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.

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.