

# SAFETY DATA SHEET



Date: 03.11.2011

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Identification of the substance or preparation

Trade name: Tall Oil 1 Tall Oil Pitch Fuel  
Item number: 10-001  
Code of the preparation: Not applicable

### 1.2 Use of the substance/preparation

- 1.2.1 The uses of the chemical
- 1.2.2 Classification of economic activities (NACE)
- 1.2.3 Use categories (UC62)
- 1.2.4 The chemical can be used by the general public
- 1.2.5 The chemical is used by the general public only

### 1.3 Company/undertaking identification

- 1.3.1 Manufacturer, importer, other undertaking  
UCY business services & trading GmbH
- 1.3.2 Contact information:
  - Street address: Am Villepohl 4
  - Postcode and post office: DE-53347 Alfter
  - Telephone number: +49 228 2428 732
  - Telefax: +49 228 2428 731
  - E-mail address: [thilo.schneider@ucy-business.com](mailto:thilo.schneider@ucy-business.com)

### 1.4 Emergency telephone

- 1.4.1 Telephone number, name and address  
+49 163 8141789 or +39 0165 43081  
Thilo Schneider  
UCY business services & trading GmbH  
Am Villepohl 4, DE-53347 Alfter

## 2 HAZARDS IDENTIFICATION

Dark Brown high viscosity liquid. Product is not considered to be combustible. Except after prolonged contact with highly porous materials.

- Over exposure: Might irritate eyes
- Exposure to skin: Might irritate slightly
- Contact with eyes: Possible irritation

# SAFETY DATA SHEET



## 3 COMPOSITION AND INFORMATION ON INGREDIENTS

### 3.1 Hazardous ingredients

- 3.1.1 Name of the ingredient: Tall Oil Pitch Fuel
- 3.1.2 Concentration: 100 %
- 3.1.3 Classification (symbol letters and R phrases) and other data on the ingredient:  
none
- 3.1.4 There has been a request for confidentiality of a substance according to Annex 2  
of the decree
- 3.1.5 A substance not dangerous has been indicated as confidential
- 3.1.6 Other information: none

## 4 FIRST AID MEASURES

### 4.1 Special instructions:

None

### 4.2 Inhalation:

Move person to non-contaminated air, if person is not breathing, apply artificial respiration, seek medical attention.

### 4.3 Skin contact:

Wash with soap and water. If hot product contacts skin, cool under running water and get medical attention.

### 4.4 Eye contact:

Rinse immediately with plenty of water and get medical attention. If hot product contacts eye, flush with water and get medical attention immediately.

### 4.5 Ingestion:

Rinse mouth with water.

### 4.6 Information for a doctor or other professionals giving first aid:

-

## 5 FIRE-FIGHTING MEASURES

### 5.1 Suitable extinguishing media:

Powder, carbon dioxide, foam, watermist (only large amounts)

### 5.2 Extinguishing media which shall not be used for safety reasons:

Not applicable

### 5.3 Special exposure hazards in a fire:

In case of fire toxic fumes might be formed.

### 5.4 Special protective equipment for fire-fighters:

Wear protective clothing and use self-contained breathing apparatus.

# SAFETY DATA SHEET



## 5.5 Other instructions:

None

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions:

Put on adequate protective equipment.

### 6.2 Environmental precautions:

Keep away from drains, surface-water, ground-water, and soil.

### 6.3 Methods for cleaning up:

Collect as much as possible in a clean container for disposal. Cover the remainder with inert absorbent. Disposal according to local regulations.

### 6.4 Other instructions:

none

## 7 HANDLING AND STORAGE

### 7.1 Handling:

Avoid contact with eyes.

### 7.2 Storage

Direct sunshine should be avoided. Warm product can self-ignite when soaked into porous material.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

8.1.1	HTP values :	Not applicable
8.1.2	Other limit values:	Not applicable
8.1.3	Limit values in other countries:	Not applicable
8.1.4	DNELs:	-
8.1.5	PNECs:	-

### 8.2 Exposure controls

8.2.1	Occupational exposure controls:	-
	8.2.1.1 Respiratory protection:	Suitable respiratory equipment
	8.2.1.2 Hand protection:	Protective gloves
	8.2.1.3 Eye protection:	Safety goggles
	8.2.1.4 Skin protection:	Suitable protective clothing
8.2.2	Environmental exposure controls:	-

# SAFETY DATA SHEET



## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information (physical state, colour and odour):

Dark Brown high viscosity liquid.

### 9.2 Important health, safety and environmental information:

9.2.1	pH:	Not applicable.
9.2.2	Boiling point/boiling range:	>200 °C
9.2.3	Flash point:	>170 °C
9.2.4	Flammability (solid, gas):	-
9.2.5	Explosive properties:	None
9.2.6	Oxidising properties:	Not applicable
9.2.7	Vapour pressure:	Not known
9.2.8	Relative density:	0,930 kg / dm <sup>3</sup> (50 °C)
9.2.9	Solubility:	Fat-soluble
9.2.10	Water solubility:	Not soluble
9.2.11	Partition coefficient: n-octanol/water	log <sub>10</sub> Pow = 4.89-5.98
9.2.12	Viscosity:	500 mPa s (50 °C)
9.2.13	Vapour density:	-
9.2.14	Evaporation rate:	-

### 9.3 Other information:

-

## 10 STABILITY AND REACTIVITY

### 10.1 Conditions to avoid:

Excessive heating with porous materials

### 10.2 Materials to avoid:

Porous material

### 10.3 Hazardous decomposition products:

N/A

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity:

None

### 11.2 Irritation and corrosivity:

Eye contact: Irritating

### 11.3 Sensitisation:

-

### 11.4 Sub-acute, sub-chronic and prolonged toxicity:

-

# SAFETY DATA SHEET



## 11.5 Human health effects based on experience:

-

## 11.6 Other information on health effects:

Ingestion: Oleic acid: LD50, oral-rat=74 g/kg. Linoleic acid:LD50, oral-rat>3,2 g/kg  
Resin acid: LD50 oral-rat 7,6 g/kg; LD50 oral-mouse 4,6 g/kg

## 12 ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

#### 12.1.1 Aquatic toxicity

Fish LL50 (96h) > 10 000 mg/l WAF (OECD 203)

Daphnia EL50 (48h) > 10 000 mg/l WAF (OECD 202)

Algae EL50 (72h) > 1000 mg/l WAF (OECD 201)

#### 12.1.2 Toxicity to other organisms

NOEC > 1000 mg/l, Bacteria E50 > 10 000 mg/l WAF (ISO 10712)

NOEC > 10 000 mg/l

### 12.2 Mobility:

Not applicable

### 12.3 Persistence and degradability:

#### 12.3.1 Biodegradation:

74 % 28 days (OECD 301F)

#### 12.3.2 Chemical degradation:

Not applicable

### 12.4 Bioaccumulative potential:

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### 12.5 Results of PBT assessment:

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### 12.6 Other adverse effects:

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## 13 DISPOSAL CONSIDERATIONS

Method of disposal:

Controlled incineration.

Danger(s):

Warm product can self-ignite when soaked into porous material.

## 14 TRANSPORT INFORMATION

### 14.1 UN number:

Not classified

# SAFETY DATA SHEET



## 14.2 Packing group:

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## 14.3 Land transport:

- 14.3.1 Transport class:  
Not classified
- 14.3.2 Risk code:  
Not classified
- 14.3.3 Name according to bill of freight:  
Tall Oil Pitch Tall Oil 1
- 14.3.4 Other information:  
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## 14.4 Sea transport:

- 14.4.1 IMDG class:  
Not classified
- 14.4.2 Correct technical name:  
Tall Oil pitch
- 14.4.3 Other information:  
IMO: MARPOL Annex II; IBC code, chapter 17

## 14.5 Air transport:

- 14.5.1 ICAO/IATA class:  
Not classified
- 14.5.2 Correct technical name:  
Tall Oil Pitch
- 14.5.3 Other information:  
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## 15 REGULATORY INFORMATION

### 15.1 Information on the label

- 15.1.1 Danger symbols (letters) and indications of danger  
Not classified
- 15.1.2 Substances to be named on the label  
N/A
- 15.1.3 R phrases  
None
- 15.1.4 S phrases  
None
- 15.1.5 Special provisions concerning the labelling of certain preparations  
N/A
- 15.1.6 Chemical Safety Assessment has been carried out for the following substances  
N/A

### 15.2 National regulations

N/A

# SAFETY DATA SHEET



## 16 OTHER INFORMATION

**16.1 List of relevant R phrases:**

None

**16.2 Training advice:**

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**16.3 Recommended restrictions on use:**

None

**16.4 Further information:**

UCY ENERGY

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**16.5 Sources of key data used to compile the Safety Data Sheet**

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