

# Safety Data Sheet

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Issue date: 18/10/2006

Number: 4166E, OULU

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

**Product name:** SYLVABLEND™ PF 60

**Company :** Arizona Chemical Oy  
P.O. Box 165  
FIN-90101 Oulu, Finland  
Tel: +358 40 341 3300 , Fax: +358 40 341 3301

**Emergency Tel :** +44 1865 407 333

**Intended use:** Fuel and/or Chemical intermediate used for manufacture of products.

## 2. Composition/Information on ingredients

**Composition:** Blend of Tall Oil, Tall Oil Pitch

Chemical name	CAS no.	EINECS no.	Symbol	R-phrases	%WT
Tall Oil Rosin. Under TSCA	8052-10-6 8050-09-7	232-484-6	X <sub>i</sub>	43	1 - 22
Blend of Tall Oil, Tall Oil Pitch					> 78

## 3. Hazards Identification

**Effects of (over)exposure:** May cause sensitization by skin contact. On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.

### Symptoms of (over)exposure

- **Inhalation:** On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.
- **Skin contact:** May cause sensitization by skin contact
- **Eye contact:** May cause some irritation.
- **Ingestion:** May cause some irritation.

## 4. First-Aid Measures

**Skin contact:** Wash with soap and water

**Eye contact:** Rinse immediately with plenty of water.

**Ingestion:** Rinse mouth with water.

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**5. Fire-Fighting Measures**

**Extinguishing media**

- **Suitable:** Powder, carbon dioxide, foam, watermist (only large amounts)

**Hazardous thermal decomposition and combustion products**

- In case of fire toxic fumes will be formed

**Protection of firefighters**

- Wear protective clothing and use self-contained breathing apparatus

**6. Accidental Release Measures**

**Personal precautions:** Put on adequate protective equipment

**Environmental precautions:** Keep away from drains, surface-water, ground-water and soil

**Methods for cleaning up:** Collect as much as possible in a clean container for disposal. Disposal according to local regulations

**7. Handling and Storage**

**Handling:** Avoid contact with skin and eyes. Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials....).

**Storage:** Keep in a cool, well-ventilated place. Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials....).

**8. Exposure Controls/Personal Protection**

Chemical name	TLV*		MAC**		R-phrases
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Tall Oil Rosin. Under TSCA					43
Not applicable					

\* ) ACGIH 1995-1996

\*\* ) The Netherlands-1995

**Respiratory protection:** Suitable respiratory equipment in case of insufficient ventilation. Filter type: P2

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin and body protection:** Suitable protective clothing.

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## 9. Physical and Chemical Properties

- **Appearance** highly viscous liquid
- **Autoignition temperature** No data available
- **Boiling point** No data available
- **Colour** Amber to dark brown
- **Flash point** > 100 °C
- **Melting range** 10 - 25 °C
- **Odour** Repulsive
- **Log P<sub>ow</sub>** No data available
- **pH**
- **Density** 1000 kg/m<sup>3</sup> (20°C)
- **Solubility in water** Not
- **Vapour pressure** 0.5 kPa (200 °C )
- **Viscosity** < 600 Cst (50 °C )

## 10. Stability and Reactivity

**Conditions to avoid:** Excessive heating. Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials....).

**Materials to avoid:** Acids. Bases.

**Hazardous decomposition products:** carbon dioxide, carbon oxides

## 11. Toxicological Information

### Routes of exposure

- **Inhalation:** On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.
- **Skin contact:** Skin contact may cause an allergic response
- **Eye contact:** May cause some irritation.
- **Ingestion:** May cause some irritation.

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**12. Ecological Information**

Mobility: Not known

**13. Disposal Considerations**

**Methods of disposal:** Take local authorities advice with handling of waste. Do NOT discharge into drains. Care should in any case be taken to ensure compliance with EC, national and local regulations.

**Danger(s):** Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials....).

**14. Transport Information****Classification**

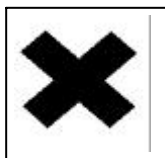
- Not classified

**15. Regulatory Information**

**EU classification** Irritant Xi, R43 May cause sensitization by skin contact

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- **Contains:** Rosin



Xi

**Risk-phrases:** 43 May cause sensitization by skin contact

**Safety-phrases:** 24/25 Avoid contact with skin and eyes  
37/39 Wear suitable gloves and eye/face protection

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**16. Other Information****Correction**

Date of preparation: 2006 - 10 - 18

Replaces SDS dated:

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