

# Safety Data Sheet

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Issue date: 08/03/2006  
Number: 1989E, SW

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

**Product name:** SYLVABLEND™ PF 40  
**Company :** Arizona Chemical AB  
P.O. Box 66  
S-820 22 Sandarne, Sweden  
Tel: +46 270 625 00, Fax: +46 270 601 00

**Emergency Tel :**

**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 | Not applicable                |
| - Boiling point            | No data available             |
| - Colour                   | Amber to dark brown           |
| - Explosion properties     | No data available             |
| - Flash point              | > 100 °C                      |
| - Melting range            | 10 - 25 °C                    |
| - Odour                    | Repulsive                     |
| - Log P <sub>ow</sub>      | No data available             |
| - pH                       | Not applicable                |
| - Density                  | 1000 kg/m <sup>3</sup> (20°C) |
| - Solubility in water      | Not                           |
| - Vapour density           | Not applicable                |
| - Vapour pressure          | 0.5 kPa (200 °C )             |
| - Viscosity                | 100 - 400 Pa.s (50 °C )       |

## 10. Stability and Reactivity

- |  |   |
|--|---|
| <b>Conditions to avoid:</b>              | Excessive heating. Can self-ignite when soaked into porous material (eg. rags, textiles, insulations, inorganic materials....). |
| <b>Materials to avoid:</b>               | Acids. Bases.   |
| <b>Hazardous decomposition products:</b> | carbon dioxide, carbon oxides   |

## 11. Toxicological Information

### Routes of exposure

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

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- Ingestion: May cause some irritation.

**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** Chapter revised: 7. Handling and Storage; 10. Stability and Reactivity; 13. Disposal Considerations

**Date of preparation:** 2006 - 03 - 08

**Replaces SDS dated:** 2004 - 05 - 18

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