

Safety Data Sheet

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Issue date: 05/10/2007

Number: 1989E, FI,
SAMP

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

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

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 _i	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 ³	ppm	mg/m ³	
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 _{ow} | No data available |
| - pH | Not applicable |
| - Density | 1000 kg/m ³ (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

- | | |
|--|---|
| 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. |

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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

IMDG-Text

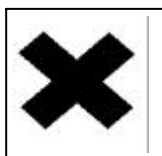
Marine pollutant

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

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

16. Other Information

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

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Replaces SDS dated: 2004 - 05 - 18

Framer: **Product Regulatory Affairs**
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