

Safety Data Sheet

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Issue date: 17/06/2005
Number: 3277E

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

Product name: SYLVATAC® RE 90

Company : Arizona Chemical Oy
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Emergency Tel : +44 1865 407 333

Intended use: Chemical intermediate used for manufacture of industrial products.

2. Composition/Information on ingredients

Composition: Rosin ester

Chemical name	CAS no.	EINECS no.	Symbol	R-phrases	%WT
Rosin ester					100

3. Hazards Identification

Effects of (over)exposure: Dust may cause some irritation. 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:** Dust may cause some irritation. 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:** Prolonged contact may cause localised irritation due to fine dust.
- **Eye contact:** Dust may cause some irritation.
- **Ingestion:** May cause some irritation..

4. First-Aid Measures

Inhalation: Seek medical advice if irritation persists

Skin contact: Wash with soap and water.

Eye contact: Rinse immediately with plenty of water.

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5. Fire-Fighting Measures

Extinguishing media

- **Suitable:** Powder, carbon dioxide, foam, watermist (only large amounts).
- **Not to be used:** Not applicable.

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. Do not breathe dust.

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: Keep away from sources of ignition - No smoking. Do not breathe dust. Avoid contact with eyes. Take precautionary measures against static discharges. Avoid dust formation. Risk for dust explosion. On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.

Storage: Keep in a cool, well-ventilated place. Take precautionary measures against static discharges. Avoid dust formation. Risk for dust explosion

8. Exposure Controls/Personal Protection

Chemical name	TLV*		MAC**		R-phrases
	ppm	mg/m ³	ppm	mg/m ³	
Organic dust		10		10	
Organic dust, respirable		5		5	

*) ACGIH 1995-1996

**) The Netherlands-1995

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

Hand protection: Protective gloves. PVC

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Eye protection: Safety goggles.

Skin and body protection: Suitable protective clothing.

9. Physical and Chemical Properties

- | | |
|------------------------|------------------------|
| - Appearance | Solid |
| - Colour | Amber |
| - Explosion properties | Not applicable |
| - Flash point | > 200 °C |
| - Melting range | 87 - 93 °C |
| - Odour | Faint odour |
| - Log P _{ow} | < 1.5 |
| - pH | Not applicable |
| - Density | 1070 kg/m ³ |
| - Solubility in water | Not |
| - Vapour density | < 0.1 % |
| - Vapour pressure | < 0.001 mm Hg (20°C) |

10. Stability and Reactivity

Conditions to avoid: Excessive heating when Storage.

Materials to avoid: None.

Hazardous decomposition products: None.

11. Toxicological Information

Routes of exposure

- **Inhalation:** Dust may cause some irritation. 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:**
- **Eye contact:** Dust may cause some irritation.

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- **Ingestion:** May cause some irritation..

12. Ecological Information

Mobility: Not known.

Persistence and degradability: Not known.

Bioaccumulation: Not known.

Ecotoxicity: Not known.

13. Disposal Considerations

Methods of disposal: Controlled incineration. Care should in any case be taken to ensure compliance with EC, national and local regulations. Take local authorities advice with handling of waste.

Danger(s): Not known.

14. Transport Information

Classification

- Not classified

15. Regulatory Information

EU classification Not classified

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Risk-phrases:

Safety-phrases:

16. Other Information

Other information WGK = 1 (Kenn-Nr. 6593)

Correction

Product name: **SYLVATAC® RE 90**

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