

Safety Data Sheet

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Issue date: 21/09/2006
Number: 2748E, M

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

Product name: SYLVATAC® RE 95, melt
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: Chemical intermediate used for manufacture of industrial products.

2. Composition/Information on ingredients

Composition: Rosin ester, melt

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

3. Hazards Identification

Effects of (over)exposure: Irritation of skin, eyes and respiratory tract, Contact with the molten substance may cause severe thermal burns. 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:** Irritating to respiratory system. 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:** Irritation, Contact with the molten substance may cause severe thermal burns.
- **Eye contact:** Irritation
- **Ingestion:** May cause irritation of alimentary canal

4. First-Aid Measures

Inhalation: Move to fresh air
Skin contact: Contact with the molten substance may cause severe thermal burns Wash off immediately with plenty of soap and water

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Eye contact: Rinse immediately with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Always seek medical advice

Ingestion: DO NOT induce vomiting because of risk of aspiration. Rinse mouth with water. Seek medical advice.

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 container for disposal. Cover the remainder with inert absorbent. Disposal according to local regulations

7. Handling and Storage

Handling: Do not breathe vapour. Avoid contact with skin and eyes. Contact with the molten substance may cause severe thermal burns. On heating, this product may generate fumes that irritate the eye and may cause respiratory irritation with throat discomfort, coughing, or difficulty breathing.

Storage: Direct sunshine should be avoided.

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.

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Hand protection:	Protective gloves
Eye protection:	Safety goggles
Skin and body protection:	Suitable protective clothing

9. Physical and Chemical Properties

- | | |
|-----------------------------------|--|
| - Appearance | Clear viscous liquid, melt |
| - Autoignition temperature | > 200 °C |
| - Colour | Pale yellow |
| - Flash point | > 200 °C |
| - Melting range | 95 °C |
| - Odour | Faint odour |
| - Log P_{ow} | Not known |
| - pH | |
| - Density | 970 kg/m ³ (200 °C)
1050 kg/m ³ (25°C) |
| - Solubility in water | Insoluble |
| - Vapour pressure | No data available |
| - Viscosity | No data available |

10. Stability and Reactivity

Conditions to avoid:	Excessive heating. Direct sunshine should be avoided.
Materials to avoid:	No data available
Hazardous decomposition products:	Not known

11. Toxicological Information

Routes of exposure

- | | |
|------------------------|--|
| - Inhalation: | Do not breathe vapour. 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: | Contact with the molten substance may cause severe thermal burns. |

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- **Eye contact:** Vapour irritates.
- **Ingestion:** Not known.

12. Ecological Information

- No data available

Mobility: Not known.**Persistence and degradability:** Not known**Bioaccumulation:** Not known**Ecotoxicity:** Not known

13. Disposal Considerations

Methods of disposal: Controlled incineration, Take local authorities advice with handling of waste., Care should in any case be taken to ensure compliance with EC, national and local regulations.**Danger(s):** Contact with the molten substance may cause severe thermal burns.

14. Transport Information

Special precautions and conditions: This information is applicable for transport of heated product, bulk, at or above 100° C.

Classification

- **UN no.** 3257 (> 100 °C)
- **Packaging group** III (> 100 °C)
- **ADR/RID** UN 3257 Elevated Temperature liquid N.O.S. (Rosin ester) 9, III (> 100 °C)

IMDG-Text Elevated Temperature liquid N.O.S. (Rosin ester) Class 9, UN 3257, P.G. III (> 100 °C)

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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

Date of preparation: 2006 - 09 - 21

Replaces SDS dated:

Framer: **Product Regulatory Affairs**
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