

Safety Data Sheet

Page: 1 / 5
Issue date: 08/04/2003
Number: 5516F

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

Product name: SYLVALITE™ RE 100 F
Company : Arizona Chemical Oy
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FIN-90101 Oulu, Finland
Tel: +358 8 3193 3100, Fax: +358 8 3193 3101

Emergency Tel :

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.

Product name: **SYLVALITE™ RE 100 F**

Page: 2 / 5

Issue date: 08/04/2003

Number: 5516F

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

Product name: **SYLVALITE™ RE 100 F**

Page: 3 / 5

Issue date: 08/04/2003

Number: 5516F

Eye protection: Safety goggles.

Skin and body protection: Suitable protective clothing.

9. Physical and Chemical Properties

- | | |
|----------------------------|------------------------|
| - Appearance | Granules |
| - Autoignition temperature | No data available |
| - Colour | Colourless |
| - Flash point | > 200 °C |
| - Melting range | 97 - 102 °C |
| - Odour | Odourless |
| - Log P _{ow} | No data available |
| - pH | Not applicable |
| - Density | 1080 kg/m ³ |
| - Solubility in water | Insoluble |
| - Vapour pressure | No data available |
| - Viscosity | Not known |

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.
- **Skin contact:**
- **Eye contact:** Dust may cause some irritation.
- **Ingestion:** May cause some irritation..

Product name: **SYLVALITE™ RE 100 F**

Page: 4 / 5

Issue date: 08/04/2003

Number: 5516F

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

Marine pollutant**15. Regulatory Information**

EU classification Not classified

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- **Contains:** Rosin ester

Risk-phrases:

Safety-phrases:

Product name: **SYLVALITE™ RE 100 F**

Page: 5 / 5

Issue date: 08/04/2003

Number: 5516F

16. Other Information**Other information** WGK = 1 (Kenn-Nr 766)**Date of preparation:** 2000-01-20**Replaces SDS dated:** 1996-11-20**Framer:** **Product Regulatory Affairs**
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