

# Safety Data Sheet

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Issue date: 10/10/2003  
Number: 2972E

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

**Product name:** SYLVALITE™ RE 105XL  
**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:** Chemical intermediate used for manufacture of industrial products:  
Adhesives

## 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.

## 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>	
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

**Eye protection:** Safety goggles.

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**Skin and body protection:** Suitable protective clothing.

## 9. Physical and Chemical Properties

- |                            |                        |
|----------------------------|------------------------|
| - Appearance               | Granules               |
| - Autoignition temperature | > 200 °C               |
| - Colour                   | Pale yellow            |
| - Flash point              | > 260 °C               |
| - Melting range            | 105 °C                 |
| - Odour                    | Faint odour            |
| - Log P <sub>ow</sub>      | Not known              |
| - pH                       | Not applicable         |
| - Density                  | 1070 kg/m <sup>3</sup> |
| - Solubility in water      | Not                    |
| - Vapour pressure          | No data available      |

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

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**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. 766)

**Correction**

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Replaces SDS dated:

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The information of this SDS is based on the present state of our knowledge and on current EC and national laws. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. Although data in this SDS are based on information of this moment and are believed reliable, we cannot assume any responsibility for the use thereof, nor do we accept any liability for loss or damages directly or indirectly caused by our product. The user is held to check the safety, quality and all other properties of this product prior to use.

This SDS has been compiled in a format that conforms with EC directive 2001/58/EC.