

## SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

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### SYLVABLEND™ 145M, Rosin, Bulk

Revision 1  
Revision date 29-Jun-2011

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** SYLVABLEND™ 145M, Rosin, Bulk  
**Company** Arizona Chemical B.V.  
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AB ALMERE  
The Netherlands  
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**Emergency telephone number** +44 1865 407 333  
**Product code** 145M, Rosin

#### 2. HAZARDS IDENTIFICATION

**Main hazards** May cause sensitisation by skin contact.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

##### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Rosin {tall-oil rosin}	1-10%	8052-10-6	232-484-6	R43

#### 4. FIRST AID MEASURES

**Skin contact** Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

#### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Carbon oxides.

**Fire hazards** Burning produces irritating, toxic and obnoxious fumes.

**Protective equipment** Wear suitable respiratory equipment when necessary.

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<b>Personal precautions</b>	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
<b>Environmental precautions</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Clean up methods</b>	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Wear: Suitable respiratory equipment.
<b>Hand protection</b>	Chemical resistant gloves (PVC)
<b>Eye protection</b>	Approved safety goggles.
<b>Protective equipment</b>	Wear chemical protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Description</b>	Liquid.
<b>Colour</b>	Yellow.
<b>Odour</b>	Mild.
<b>Boiling point</b>	>200°C
<b>Flash point</b>	>200°C
<b>Relative density</b>	958 kg/m <sup>3</sup>
<b>Water solubility</b>	insoluble in water.
<b>Partition coefficient</b>	3.5 - 8.2

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
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**11. TOXICOLOGICAL INFORMATION****Toxicological information**

Rosin {tall-oil rosin}	Oral Rat LD50 = > 5000 mg/kg Inhalation Rat LC50/48 h = 7500 mg/kg
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<b>Acute toxicity</b>	May cause sensitisation by skin contact.
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**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Rosin {tall-oil rosin}	Daphnia EC50/48h = 10 mg/l mg/l Algae IC50/72h = 100 mg/l mg/l Fish LC50/96h = 1 mg/l mg/l
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<b>Degradability</b>	Not readily biodegradable. 73 % (28 Days ) OECD 301
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UN 3257	Packing group III
Class 9	Hazard ID 99
Proper Shipping Name LIQUID, N.O.S, .	
ELEVATED TEMPERATURE	

**IMDG**

UN 3257	Packing group III
Class 9	Marine pollutant .
EmS Code F-A S-P	

**IATA**

UN 3257	Packing group III
Class 9	Subsidiary risk -
Packing Instruction (Cargo) FORBIDDEN	Maximum quantity FORBIDDEN
Packing Instruction (Passenger) FORBIDDEN	Maximum quantity FORBIDDEN

**15. REGULATORY INFORMATION****Labelling** The product is classified in accordance with 67/548/EEC.**Symbols** Xi - Irritant**Risk phrases** R43 - May cause sensitisation by skin contact.**Safety phrases** S24 - Avoid contact with skin.  
S37 - Wear suitable gloves.**Further information** WGK = 1 (Kenn-Nr 7655)**16. OTHER INFORMATION****Text of risk phrases in Section 3.** R43 - May cause sensitisation by skin contact.**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.**Revision** This document differs from the previous version in the following areas:  
2 - hazardous ingredients.