

# SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

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## SYLVAROS® DRS 214

Revision 2  
Revision date 28-Oct-2010

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

**Product name** SYLVAROS® DRS 214  
**Company** Arizona Chemical GmbH  
 Ludwig-Hermann-Str. 80  
 86368 Gersthofen  
 Germany  
**Telephone** +49 (0)821 479 20 0  
**Fax** +49 (0)821 479 20 50  
**Emergency telephone number** +49 (0)821 479 25 88  
**Product code** 5248E

### 2. HAZARDS IDENTIFICATION

**Main hazards** Irritating to eyes.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

|  | Conc.    | CAS        | EINECS    | Symbols/Risk phrases |
|--|----------|------------|-----------|----------------------|
| Water  | 20 - 30% |            |           |                      |
| Resin acids and Rosin acids, potassium salts | 70 - 80% | 61790-50-9 | 263-142-4 | Xi; R36              |

### 4. FIRST AID MEASURES

**Skin contact** May cause irritation 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. Contact lenses should be removed. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** May cause irritation to mucous membranes. Move the exposed person to fresh air.

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

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** Use extinguishing media appropriate to the surrounding fire conditions. Use as appropriate: carbon dioxide (CO<sub>2</sub>). Foam. Water spray.

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

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

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental precautions** Do not allow product to enter drains. Prevent further spillage if safe.

**Clean up methods** Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

**SYLVAROS® DRS 214**Revision 2  
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|                 |  |
|-----------------|--|
| <b>Handling</b> | Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep away from heat. Keep away from sources of ignition - No smoking.   |
| <b>Storage</b>  | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Keep away from heat. Keep away from sources of ignition - No smoking. Keep away from direct sunlight. |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

|                               |   |
|-------------------------------|---|
| <b>Engineering measures</b>   | Ensure adequate ventilation of the working area.                          |
| <b>Respiratory protection</b> | In case of insufficient ventilation, wear suitable respiratory equipment. |
| <b>Hand protection</b>        | Chemical resistant gloves (PVC)   |
| <b>Eye protection</b>         | In case of splashing, wear: Face shield. Eye protection.                  |
| <b>Protective equipment</b>   | Wear protective clothing.   |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                         |   |
|-------------------------|---|
| <b>Description</b>      | Paste.  |
| <b>Colour</b>           | Amber.  |
| <b>Odour</b>            | Slight.   |
| <b>pH</b>               | 9.6   |
| <b>Boiling point</b>    | 100°C   |
| <b>Flash point</b>      | > 100°C   |
| <b>Relative density</b> | 1.10 g/cm <sup>3</sup> @ 20 °C; 1.06 g/cm <sup>3</sup> @ at 60 °C |
| <b>Viscosity</b>        | Cone & Plate - 1.0 Pa.s@ at 60 °C                                 |

**10. STABILITY AND REACTIVITY**

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Stability</b>           | Stable under normal conditions. |
| <b>Conditions to avoid</b> | Direct sunlight. Heat.          |
| <b>Materials to avoid</b>  | Oxidising agents.               |

**11. TOXICOLOGICAL INFORMATION****Toxicological information**

SYLVAROS® DRS 214

Oral Mouse LD50 = &gt; 2000 mg/kg

|                       |   |
|-----------------------|---|
| <b>Acute toxicity</b> | May cause irritation to respiratory system.       |
| <b>Corrosivity</b>    | Irritating to eyes. May cause irritation to skin. |
| <b>Sensitization</b>  | No sensitization effects reported.                |

**12. ECOLOGICAL INFORMATION**

|                      |   |
|----------------------|---|
| <b>Mobility</b>      | No known adverse environmental effects. |
| <b>Degradability</b> | 73 % (28 Days ) OECD 301                |


**13. DISPOSAL CONSIDERATIONS**

|                            |  |
|----------------------------|--|
| <b>General information</b> | Dispose of in compliance with all local and national regulations. Can be incinerated if in compliance with local and national regulations. |
|----------------------------|--|

**14. TRANSPORT INFORMATION**

|                            |  |
|----------------------------|--|
| <b>Further information</b> | The product is not classified as dangerous for carriage. |
|----------------------------|--|

**SYLVAROS® DRS 214**Revision 2  
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|                            |  |
|----------------------------|--|
| <b>Symbols</b>             | Xi - Irritant<br>   |
| <b>Risk phrases</b>        | R36 - Irritating to eyes.  |
| <b>Safety phrases</b>      | S25 - Avoid contact with eyes.<br>S39 - Wear eye/face protection.<br>S60 - This material and its container must be disposed of as hazardous waste. |
| <b>Further information</b> | WGK = 1 (Kenn-Nr 6592)   |

**16. OTHER INFORMATION**

|   |  |
|---|--|
| <b>Text of risk phrases in Section 3.</b> | R36 - Irritating to eyes.  |
| <b>Further information</b>                | <p>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.</p> <p>DR Fredrik Hopfgarten<br/>ARIZONA CHEMICAL, P.O. box 66, S-820 22 SANDARNE, SWEDEN<br/>Tel: +46 (0)270 625 00, Telefax: +46 (0)270 625 40</p> |
| <b>Revision</b>                           | <p>This document differs from the previous version in the following areas:</p> <p>2 - hazardous ingredients.<br/>15 - risk phrases.</p>  |