

**Safety Data Sheet as per regulation (EC) 1907/2006**

Commercial Product Name : K-RSD-E 0327 SILBER FOLCO SOL K-RSD-E

Article-No. : 17070-057

Revision Date : 08.06.2016

Version : 5 /en

**FOLMANN**

Replaces version from : 01.06.2016

Print date : 11.11.2016

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

\*Commercial Product Name K-RSD-E 0327 SILBER FOLCO SOL K-RSD-E

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

\*Relevant identified uses wallpaper coating

**1.3 Details of the supplier of the safety data sheet**

Address Follmann GmbH & Co. KG  
Postfach 12 63  
D-32372 Minden  
Telephone : +49 (571) 93 39 -0  
FAX : +49 (571) 93 39 -300

Responsible Department Environmental Department +49 (571) 9339-176

E-mail (competent person) sicherheitsdatenblatt@follmann.de

**1.4 Emergency telephone number**

Emergency telephone number Outside USA: -001 703 527 3887 (D813)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

\*Classification according to Regulation (EC) No. 1272/2008 This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

**2.2 Label elements**

\*Labelling according to Regulation (EC) No. 1272/2008 [CLP] The product does not have to be labelled according to Regulation (EC) No. 1272/2008 [CLP].

## \*Further information

EUH208: Contains isodecyl-diphenyl-phosphite. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

**SECTION 3: Composition/information on ingredients****3.2 Mixture**

Chemical characterization Dispersion of polyvinylchloride in plasticizer

**Hazardous ingredients**

| Ingredient  |  | Classification (EC) 1272/2008                                  | Concentration         |
|---|--|--|-----------------------|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics | EC-No. : 918-481-9<br>REACH No. :<br>01-2119457273-39-XXXX                         | Asp. Tox. 1; H304  | 1.0 - 5.0 % by weight |
| Alkylarylphosphit   | CAS No. : 26544-23-0<br>EC-No. : 247-777-4<br>REACH No. :<br>01-2119968254-31-XXXY | Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411 | 0.1 - 1.0 % by weight |

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## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

|                         |  |
|-------------------------|--|
| General advice          | Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance. |
| In case of skin contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, seek medical advice/attention.          |
| In case of eye contact  | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  |
| If swallowed            | Rinse mouth. Do NOT induce vomiting. Call a physician immediately.   |

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

|   |  |
|---|--|
| Suitable extinguishing media                                  | Carbon dioxide (CO <sub>2</sub> ), Foam, Water spray, Dry powder |
| Extinguishing media which must not be used for safety reasons | High volume water jet  |

### **5.2 Special hazards arising from the substance or mixture**

|   |   |
|---|---|
| Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases | Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health. Gaseous hydrogen chloride (HCl). |
|---|---|

### **5.3 Advice for firefighters**

|   |   |
|---|---|
| Special protective equipment for firefighting | In the event of fire, wear self-contained breathing apparatus.  |
| Additional information on firefighting        | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses. |

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

|                      |                                    |
|----------------------|------------------------------------|
| Personal precautions | Use personal protective equipment. |
|----------------------|------------------------------------|

### **6.2 Environmental precautions**

|                           |  |
|---------------------------|--|
| Environmental precautions | Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. |
|---------------------------|--|

### **6.3 Methods and material for containment and cleaning up**

|                         |   |
|-------------------------|---|
| Methods for cleaning up | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly. Treat recovered material as described in the section "Disposal considerations". |
|-------------------------|---|

### **6.4 Reference to other sections**

|                             |   |
|-----------------------------|---|
| Reference to other sections | Disposal considerations See also section 13 |
|-----------------------------|---|

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

|   |  |
|---|--|
| Advice on safe handling                         | Handle and open container with care. Avoid contact with skin and eyes.<br>Do not breathe vapours or spray mist.<br>Provide appropriate exhaust ventilation at machinery. |
| Precautions                                     | Smoking, eating and drinking should be prohibited in the application area.<br>For personal protection see section 8. Observe label precautions.                          |
| Advice on protection against fire and explosion | No special protective measures against fire required.  |

### 7.2 Conditions for safe storage, including any incompatibilities

|  |   |
|--|---|
| Storage space and container requirements | Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. |
| Storage specifications                   | Protect from frost.   |
| *TRGS 510                                | 10  |
| Recommended storage temperature          | 0 – 30 °C   |

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### 8.2 Exposure controls

|   |   |
|---|---|
| Respiratory protection                  | Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).<br>Note: Should no job-related limit values are indicated, the product, which a monitoring exposure limit is allocated, do not contains ingredients in relevant concentrations.               |
| Hand protection                         | Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. |
| Unsuitable material :                   | woven fabric, Leather gloves  |
| Suitable material :                     | Nitriles  |
| Eye protection                          | Tightly fitting safety goggles  |
| Skin and body protection                | Wear suitable protective equipment. Long sleeved clothing   |
| General protective and hygiene measures | Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                 |        |
|-----------------|--------|
| *Physical state | liquid |
| *Form           | paste  |
| Colour          | silver |



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**Alkylarylphosphit**

| Oral toxicity [mg/kg] | Test criterion | Test species | Remarks                         | Source |
|-----------------------|----------------|--------------|---------------------------------|--------|
| > 4000 mg/kg          | LD50           | rat          | Value taken from the literature | 100    |

Source : 100 – Firmendaten

| Dermal toxicity [mg/kg] | Test criterion | Test species | Duration | Remarks                         | Source |
|-------------------------|----------------|--------------|----------|---------------------------------|--------|
| > 5000                  | LD50           | rabbit       | 24 h     | Value taken from the literature | 100    |

Source : 100 – Firmendaten

| Inhalative toxicity [mg/l] | Test criterion | Test species | Note                            | Exposure duration | Source |
|----------------------------|----------------|--------------|---------------------------------|-------------------|--------|
| > 8,4 mg/l                 | LD50           | rabbit       | Value taken from the literature | 1 h               | 100    |

Source : 100 – Firmendaten

|                         |                                 |
|-------------------------|---------------------------------|
| Irritant effect on skin | Mild skin irritation            |
| Measuring method        | Draize Test                     |
| Remarks                 | Value taken from the literature |
| Irritant effect on eyes | Mild eye irritation             |
| Measuring method        | Draize Test                     |
| Remarks                 | Value taken from the literature |
| Mutagenicity            | negative                        |
| Measuring method        | In vitro methods                |
| Remarks                 | Value taken from the literature |

**11.2 Additional information**

Other information (chapter 11.) No toxicology information is available.

**SECTION 12: Ecological information****12.1 Toxicity****Hazardous ingredients****Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**

| Toxicity to fish [mg/l] | Test criterion | Source |
|-------------------------|----------------|--------|
| >1001                   | LC50           | 13     |

Source : 13 – TRGS 900

| Toxicity to daphnia [mg/l] | Test criterion | Source |
|----------------------------|----------------|--------|
| >1001                      | LC50           | 13     |

Source : 13 – TRGS 900

| Toxicity to algae [mg/l] | Test criterion | Source |
|--------------------------|----------------|--------|
| >1001                    | LC50           | 13     |

Source : 13 – TRGS 900

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Biodegradability Inherently biodegradable.

Remarks estimated

Bioaccumulation Bioaccumulative potential

**Alkylarylphosphit**

| Toxicity to fish [mg/l] | Source |
|-------------------------|--------|
| > 16 mg/l               | 100    |

Source : 100 - Firmendaten

| Toxicity to daphnia [mg/l] | Source |
|----------------------------|--------|
| 5 mg/l                     | 100    |

Source : 100 - Firmendaten

| Toxicity to algae [mg/l] | Source |
|--------------------------|--------|
| 1,6 mg/l                 | 100    |

Source : 100 - Firmendaten

Biodegradability 1,31 %

Duration 28 day(s)

Reference substance Information given is based on data obtained from similar substances.

Evaluation Not inherently biodegradable.

Bioaccumulation Does not bioaccumulate.

Bioconcentration factor (BCF) 17

**12.5 Results of PBT and vPvB assessment**

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

**12.6 Other adverse effects**

Further information on ecology We have no quantitative data concerning the ecological effects of this product.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Disposal considerations According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code 07 02 08\*: other still bottoms and reaction residues

Uncleaned empty packaging -

-

**SECTION 14: Transport information**

|                               | *Land transport ADR/RID | *Marine transport IMDG | *Air transport ICAO/IATA |
|-------------------------------|-------------------------|------------------------|--------------------------|
| 14.1 UN-No                    | Not applicable.         | Not applicable.        | Not applicable.          |
| 14.2 Description of the goods | Non dangerous good      | Non dangerous good     | Non dangerous good IATA  |
| 14.2 UN proper shipping name  |                         | Non dangerous good     | Non dangerous good       |

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|                                 | *Land transport ADR/RID | *Marine transport IMDG | *Air transport ICAO/IATA |
|---------------------------------|-------------------------|------------------------|--------------------------|
| 14.3 Transport hazard class(es) | Not applicable.         | Not applicable.        | Not applicable.          |
| 14.4 Packaging group            | Not applicable.         | Not applicable.        | Not applicable.          |
| 14.5 Environmental hazards      | Not applicable.         | Not applicable.        | Not applicable.          |

## 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not relevant

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations Additionally, observe any national regulations!

## SECTION 16: Other information

Relevant H-phrases EUH208: Contains isodecyl-diphenyl-phosphite. May produce an allergic reaction.  
EUH210: Safety data sheet available on request.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H411: Toxic to aquatic life with long lasting effects.

Wording of the hazard classes Skin Irrit.: Skin irritation  
Skin Sens.: Skin sensitization  
Aquatic Chronic: Hazardous to the aquatic environment

\*Modifications since last version Modifications of the previous version are denoted with an asterisk (\*).

Department issuing safety data sheet Environmental Department

Further information Full text of R-phrases referred to under sections 2 and 3

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.