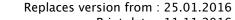
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# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

\*Commercial Product Name K-RSD-E 0329 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 Regula-

tion (EC) No. 1272/2008

Eye Irrit. 2; H319

#### 2.2 Label elements

Hazard pictogram



CHS

Signal word Warning

H-statement(s) H319: Causes serious eye irritation.

P-statement(s) P280: Wear protective gloves/protective clothing/eye protection/face protec-

tion.

P337+P313: If eye irritation persists: Get medical advice/attention.

\*Further information EUH208: Contains isodecyl-diphenyl-phosphite. May produce an allergic re-

action.

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixture

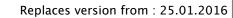
Chemical characterization Dispersion of polyvinylchloride in plasticizer

#### Hazardous ingredients

Ingredient		Classification (EC) 1272/2008	Concentration
Boaccanor caroxyrier	DEACH No.	Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	1.0 – 5.0 % by weight

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Ingredient		Classification (EC) 1272/2008	Concentration
	FC No. 247 777 4	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	0.1 – 1.0 % by weight

### **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 con-

taminated clothes and shoes. If skin irritation occurs, seek medical advice/at-

tention.

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 (CO2), Foam, Water spray, Dry powder

Extinguishing media which must not High volume water jet

be used for safety reasons

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

Special exposure hazards arising from the substance or preparation itself, its combustion products, or

Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.

Gaseous hydrogen chloride (HCl).

released gases

5.3 Advice for firefighters

Special protective equipment for

firefighting

In the event of fire, wear self-contained breathing apparatus.

Additional information on firefight-

ing

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, uni-

versal binder, sawdust). Clean contaminated surface thoroughly.

Treat recovered material as described in the section "Disposal considera-

tions".

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6.4 Reference to other sections

Reference to other sections Disposal considerations See also section 13

# **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.

Do not breathe vapours or spray mist.

Provide appropriate exhaust ventilation at machinery.

Precautions Smoking, eating and drinking should be prohibited in the application area.

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 re-

quirements

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

exceeded and/or in case of product release (dust).

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 re-

garding 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

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\*Form paste Colour silver

Odour characteristic \*Flash point [°C] > 100 °C

Evaporation rate [kg/(s\*m²)] not determined

Vapour density not determined

\*Density [g/cm³] approx. 1,21 g/cm³

Temperature : 20 °C

Partition coefficient n-octanol /wa-

ter (log P O/W)

not determined

Autoignition temperature [°C] not determined

\*Viscosity, dynamic [kg/(m\*s)] approx. 4.000 - 7.000 mPas\*s

Temperature: 20 °C

Measuring method: Haake-Viscotester

Explosive properties Not relevant
Oxidising properties Not relevant

# **SECTION 10: Stability and reactivity**

#### 10.4 Conditions to avoid

Conditions to avoid Hazardous decomposition products may be produced when the recommend-

ed processing temperatures or times are exceeded.

10.5 Incompatible materials

Materials to avoid Oxidizing agents (strong)

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

## Hazardous ingredients

## **Dodecanol ethoxyliert**

Oral toxicity [mg/kg]	Test criterion	Test species	Source
2001 mg/kg	LD50	rat	100

Source: 100 - Firmendaten

Dermal toxicity [mg/kg]	Test criterion	Test species	Source
2001 mg/kg	LD50	rat	100

Source: 100 - Firmendaten

Irritant effect on skin No skin irritation

Test species rabbit

Irritant effect on eyes Risk of serious damage to eyes.

Test species rabbit

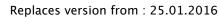
Sensitization No sensitization responses were observed.

Test species guinea pig

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Mutagenicity negative

Measuring method In vitro methods

Reproduction toxicity 251 mg/kg

Type NOAEL (No observed adverse effect level)

#### Alkylarylphosphit

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

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

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

# **Dodecanol ethoxyliert**

Toxicity to fish [mg/l]	Test criterion	Test species	Exposure duration	Source
0,11 - 1 mg/l	LC50	Brachydanio rerio (ze-	96 h	100
		bra fish)		

Source: 100 - Firmendaten

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Toxicity to daphnia	Test criterion	Test species	Exposure duration	Source
[mg/l]				
0,11 - 1 mg/l	EC 50	Daphnia magna (Water	48 h	100
		flea)		

Source: 100 - Firmendaten

## Ready degradability

### 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	ı

Source: 100 - Firmendaten

Biodegradability 1,31 %

Duration 28 day(s)

Reference substance Information given is based on data obtained from similar sub-

stances.

Evaluation Not inherently biodegradable.

Bioaccumulation Does not bioaccumulate.

Bioconcentration factor (BCF) 17

# 12.5 Results of PBT and vPvB assessment

Results of PBT characteristics deter-

mination

This preparation contains no substance considered to be persistent, bioaccu-

mulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology We have no quantitative data concerning the ecological effects of this prod-

uct.

# **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 sugges-

tions:

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.

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	*Land transport ADR/RID	*Marine transport IMDG	*Air transport ICAO/IATA
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
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 haz- ards	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 Not relevant

Code

# **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 re-

action.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage. H319: Causes serious eye irritation. H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

Wording of the hazard classes Eye Dam.: Serious eye damage

> Aquatic Acute: Hazardous to the aquatic environment Aguatic Chronic: Hazardous to the aquatic environment

Skin Irrit.: Skin irritation Skin Sens.: Skin sensitization

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

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification	evaluation
Eye Irrit. 2; H319	

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.