

## SAFETY DATA SHEET

# SÜDWEST Additiv R

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name	SÜDWEST Additiv R
Registration number	01-2119379499-16-XXXX
Substance name	silicon dioxide

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

Intermediate	
Uses advised against	This information is not available.

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

SÜDWEST Lacke + Farben GmbH & Co.KG Iggelheimer Str. 13 D - 67459 Böhl-Iggelheim Telephone: +49 6324/709-0 Telefax: +49 6324/709-175 www.suedwest.de	
E-mail address of person responsible for the SDS European Union	sdb@suedwest.de

#### 1.4 Emergency telephone number European Union

Phone: +44 (0)1235 239 670

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

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## 2.2 Label elements

### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### Regulation concerning biocidal products (528/2012):

Not relevant

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Do not breathe dust.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Synonyms silicon dioxide

CAS-No. 7631-86-9

EINECS-No. 231-545-4

Type of product: Substance

### Hazardous components

No hazardous ingredients

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Move to fresh air. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
Ingestion	Rinse mouth.

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If conscious, drink plenty of water.  
Do NOT induce vomiting.  
Obtain medical attention.

## 4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Treatment	Treat symptomatically. No information available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media	Not combustible.
Unsuitable extinguishing media	Not applicable

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

Fire may cause evolution of:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)  
Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for firefighters

Not applicable

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid dust formation.  
Use respiratory protective device against the effects of dust.

### 6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Use mechanical handling equipment.  
Moisten and remove.  
Use approved industrial vacuum cleaner for removal.  
Dispose of contaminated material as waste according to item 13.  
Clean contaminated surface thoroughly.

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Advice on safe handling	Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.
Hygiene measures	Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Avoid contact with the skin and the eyes.

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

Requirements for storage areas and containers	Store in original container. Keep in a dry place. Keep container tightly closed in a dry and well-ventilated place.
Advice on protection against fire and explosion	Take measures to prevent the build up of electrostatic charge.
Further information on storage conditions	Protect from humidity and water.
Advice on common storage	No materials to be especially mentioned.

<b>7.3 Specific end use(s)</b>	For further information, see also Technical Data Sheet for the product.
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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Contains no substances with occupational exposure limit values. The lists that were valid during the creation were used as basis.

### 8.2 Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

#### Individual protection measures, such as personal protective equipment

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- a) Eye/face protection Safety glasses with side-shields conforming to EN166
- b) Skin protection  
Hand protection Nitrile coated cotton gloves  
Break through time: 480 min  
Minimum thickness: 0,8 mm  
Protective gloves complying with EN 388.  
e.g. KCL 102 Sahara® Top (Kächele-Cama-Latex GmbH,  
Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.  
After washing hands, replenish lost skin oil by means of oily  
skin ointment.
- Body Protection Long sleeved clothing
- c) Respiratory protection Avoid inhalation of particles.  
Compliance with the maximum permissible levels at the  
workplace is to be ensured by effective dust control  
measures, e.g. local extraction devices. Where this is not  
possible, particle-filtering half masks of type FFP2 (tested in  
accordance with EN 149) are to be used.

## Environmental exposure controls

- General advice The product should not be allowed to enter drains, water  
courses or the soil.  
If the product contaminates rivers and lakes or drains  
inform respective authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	powder
Colour	white
Odour	characteristic
Odour Threshold	Not applicable
pH	ca. 4 - 9 (20 °C)
Melting point/freezing point	> 1.700 °C
Initial boiling point and boiling range	> 1.700 °C
Flash point	Not applicable

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Evaporation rate	not applicable
Flammability (solid, gas)	The product is not flammable.
Upper explosion limit / Upper flammability limit	not determined
Lower explosion limit / Lower flammability limit	not determined
Vapour pressure	Not applicable
Density	ca. 2,17 - 2,2 g/cm <sup>3</sup> (20 °C)
Bulk density	ca. 70 - 600 kg/m <sup>3</sup> (20 °C)
Solubility(ies) Water solubility	insoluble
Partition coefficient: n- octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity Viscosity, dynamic	not applicable
Explosive properties	Not explosive
Oxidizing properties	Not applicable

## 9.2 Other information

Flow time	not applicable
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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

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Hazardous reactions                      This information is not available.

## 10.4 Conditions to avoid

Conditions to avoid                      Stable under recommended storage and handling conditions (see section 7).

## 10.5 Incompatible materials

Materials to avoid                      No data available

## 10.6 Hazardous decomposition products

Hazardous decomposition products      No decomposition if stored and applied as directed.

Decomposition temperature              No data available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product:

Acute oral toxicity                      Based on available data, the classification criteria are not met.

Acute inhalation toxicity                Based on available data, the classification criteria are not met.

Acute dermal toxicity                    Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

##### Product:

Based on available data, the classification criteria are not met.

#### Serious eye damage/eye irritation

##### Product:

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

##### Product:

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

##### Product:

Genotoxicity in vitro                    Based on available data, the classification criteria are not met.

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**Carcinogenicity****Product:**

Based on available data, the classification criteria are not met.

**Reproductive toxicity****Product:**

Effects on fertility

Based on available data, the classification criteria are not met.

Developmental Toxicity

Based on available data, the classification criteria are not met.

**STOT - single exposure****Product:**

Based on available data, the classification criteria are not met.

**STOT - repeated exposure****Product:**

Based on available data, the classification criteria are not met.

**Aspiration toxicity****Product:**

Based on available data, the classification criteria are not met.

**Further information****Product:**

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Product:**

Toxicity to fish

No data available

**12.2 Persistence and degradability****Product:**

Biodegradability

No data available

**12.3 Bioaccumulative potential**



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**Product:**

Bioaccumulation Does not accumulate in organisms.

**12.4 Mobility in soil****Product:**

Mobility No data available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects****Product:**

Additional ecological information Do not flush into surface water or sanitary sewer system.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Partial and residual quantities can be reused. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty packaging should be recycled through disposal systems.
Waste key for the unused product	17 09 04 Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number**

Not regulated as a dangerous good

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**14.2 UN proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class(es)**

Not regulated as a dangerous good

**14.4 Packing group**

Not regulated as a dangerous good

**14.5 Environmental hazards**

Not regulated as a dangerous good

**14.6 Special precautions for user**

Remarks This information is not available.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Remarks Not applicable

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

VOC  
Directive 2004/42/EC

does not fall under Directive 2004/42/EC

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals Not applicable

Other regulations Comply with the statutory regulations on health and safety at

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work.

## 15.2 Chemical safety assessment

The results of the chemical safety assessment are documented in the safety data sheet.

### SECTION 16: OTHER INFORMATION

**Changes from the previous version are indicated by markings in the left-hand margin.**

**The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.**

#### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS -

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Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

## Further information

Other information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing  
MSDS  
REG\_EU / EN

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