

## SAFETY DATA SHEET

# SÜDWEST Additiv S

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Rev. no.	1.0
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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name SÜDWEST Additiv S

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

Additional component

Recommended restrictions on use

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](http://www.suedwest.de)

E-mail address of person responsible for the SDS  
European Union

[sdb@suedwest.de](mailto: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.

**Classification (67/548/EEC, 1999/45/EC)**

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

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## 2.2 Label elements

Not a hazardous substance or mixture.

Additional Labelling:

Safety data sheet available on request.

## 2.3 Other hazards

Results of PBT and vPvB assessment

Not applicable

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
lithium chloride	7447-41-8 231-212-3 01- 2119560574- 35-xxxx	Xn; R22 Xi; R36/38	Acute Tox.4; H302 Eye Irrit.2; H319 Skin Irrit.2; H315	≥ 1 - < 3

For explanation of abbreviations see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
Inhalation	Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

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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. Seek medical advice.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

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

Symptoms	No information available.
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## 4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. No information available.
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## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical Water spray
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Unsuitable extinguishing media	High volume water jet
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### 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

Additional advice	Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure adequate ventilation.  
Do not breathe vapour.

### 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

Contain spillage, and then collect with non-combustible absorbent material, (e.g.

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**materials for  
containment and  
cleaning up**

sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Clean with detergents. Avoid solvents.  
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.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling****Advice on safe  
handling**

Avoid contact with skin and eyes.  
Prevent unauthorized access.  
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.  
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

**7.2 Conditions for safe storage, including any incompatibilities****Requirements for  
storage areas and  
containers**

Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in original container.  
Observe label precautions.  
Protect from frost, heat and sunlight.

**Advice on common  
storage**

Keep away from oxidizing agents and strongly acid or alkaline materials.

**7.3 Specific end  
use(s)**

For further information, see also Technical Data Sheet for the product.

## 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**

Ensure good ventilation; if possible, use / install internal extractor equipment.

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## Individual protection measures, such as personal protective equipment

a) Eye/face protection	Wear protective goggles for protection against splashed liquid.  Safety glasses with side-shields conforming to EN166
b) Skin protection Hand protection	Recommended preventive skin protection Before starting work, apply water-resistant skincare preparations to exposed skin areas. Protective gloves should be worn in case of skin contact during preparation and application.  Break through time: 480 min Minimum thickness: 0,4 mm Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.  The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
Body Protection	Work clothes Skin should be washed after contact. Do NOT use solvents or thinners.
c) Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog. Respiratory protection complying with EN 143.
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	liquid
Colour	various
Odour	characteristic
Odour Threshold	No data available

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pH	not determined
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	95 °C
Evaporation rate	not determined
Flammability (solid, gas)	not applicable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	not determined
Density	ca. 1,157 g/cm <sup>3</sup>
Solubility(ies)(Water)	insoluble
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	ca. 475 mPa.s
Explosive properties	Not explosive
Oxidizing properties	Not applicable

## 9.2 Other information

Flow time	No data available
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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

Hazardous reactions This information is not available.

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## 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      Strong acids and strong bases  
                                 Strong oxidizing agents

## 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

#### Product

Acute oral toxicity	Acute toxicity estimate : > 2.000 mg/kg Method: Calculation method
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	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity 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.

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STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Further information	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).

**Components:****lithium chloride :**

Acute oral toxicity	Harmful if swallowed.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Product:**

Toxicity to fish	No data available
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### 12.2 Persistence and degradability

**Product:**

Biodegradability	No data available
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### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation	No data available
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### 12.4 Mobility in soil



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**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 allow product to enter into ground water, bodies of water or sewage systems.

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

Product The user is responsible for proper coding and marking of any waste. Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging Empty packaging should be recycled through disposal systems.

Waste key for the unused product 08 01 12Waste paint and varnish other than those covered by 08 01 11

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

Not regulated as a dangerous good

**14.2 Proper shipping name**

Not regulated as a dangerous good

**14.3 Transport hazard class**

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 73/78 and the IBC Code**

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Remarks                      Not applicable

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## SECTION 15: REGULATORY INFORMATION

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

Directive                      48 %  
2010/75/EU                      555,36 g/l

Directive  
2004/42/EC

does not fall under Directive 2004/42/EC

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

### 15.2 Material safety assessment

This information is not available.

## SECTION 16: OTHER INFORMATION

### Full text of R-phrases referred to under sections 2 and 3:

R22                              Harmful if swallowed.  
R36/38                          Irritating to eyes and skin.

### Full text of H-Statements referred to under sections 2 and 3.

H302                              Harmful if swallowed.  
H315                              Causes skin irritation.  
H319                              Causes serious eye irritation.

Department issuing          sdb@suedwest.de  
MSDS

### Further 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.

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Changes from the previous version are indicated by markings in the left-hand margin. The details given in this safety data sheet correspond to our present state of knowledge and conform to both national and EU legislation. The working conditions of the user are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The details given in this safety data sheet describe the safety requirements of our product and do not constitute any assurance of product properties.

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