

SAFETY DATA SHEET

SÜDWEST Fixativ

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

1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Trade name SÜDWEST Fixativ

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

Primer

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
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Telephone: +49 6324/709-0
Telefax: +49 6324/709-175
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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.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

Additional Labelling

EUH210 Safety data sheet available on request.

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EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

These are preservatives.

Avoid contact with the skin and the eyes.

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The product is alkaline.

Avoid contact with the skin and the eyes.

The potassium silicate contained in this product (aqueous solution, molar ratio > 3.2 and solid content < 40%) is not subject to marking requirements. Its classification is based on toxicological tests carried out by the CEES (European Centre for Silicate Research - www.cees-silicates.org)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Components**

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 M-Factor (Acute aquatic toxicity): 1 specific concentration limit Skin Sens. 1; H317 ≥ 0,05 %	≥ 0,0025 - < 0,025

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

General advice

In case of accident or if you feel unwell, seek medical advice

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	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	Move 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 contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If symptoms persist, call a physician.
Eye contact	Wash contaminated clothing before re-use. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion	Consult a physician. 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.

4.3 Indication of any immediate medical attention and special treatment neededTreatment Treat symptomatically.
No information available.**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**Suitable extinguishing media Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
Water spray

Unsuitable extinguishing media High volume water jet

5.2 Special hazards arising from the substance or mixture

Fire may cause evolution of:

Carbon monoxide
Carbon dioxide (CO₂)
Nitrogen oxides (NO_x)**5.3 Advice for firefighters**Exposure to decomposition products may be a hazard to health.
Wear self-contained breathing apparatus for firefighting if necessary.

Additional advice

Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

6.2 Environmental precautionsThe product should not be allowed to enter drains, water courses or the soil.
If the product contaminates rivers and lakes or drains inform

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for containment and
cleaning up**

respective authorities.

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Sweep up and shovel.

Clean with detergents. Avoid solvents.

Dispose of contaminated material as waste according to item 13.

Clean contaminated surface thoroughly.

Refer to protective measures listed in sections 7 and 8.

**6.4 Reference to other
sections****SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Advice on safe handling

Do not get in eyes or mouth or on skin.

Prevent unauthorized access.

Provide sufficient air exchange and/or exhaust in work rooms.

Hygiene measures

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

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.

Remove and wash contaminated clothing and gloves, including the inside, before re-use.

7.2 Conditions for safe storage, including any incompatibilitiesRequirements for storage
areas and containers

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store in original container.

Keep in a dry place.

Observe label precautions.

Protect from frost, heat and sunlight.

Advice on protection
against fire and explosion

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, fumes.

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**

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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
Eye wash bottle with pure water |
| b) Skin protection
Hand protection | 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. |
| Body Protection | The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 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.
Impervious clothing
Skin should be washed after contact. |
| c) Respiratory protection | 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

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|----------------|--|
| 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. |
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	liquid
Colour	white
Odour	Weak, characteristic
Odour Threshold	No data available
pH	ca. 11,0 - 11,5 (20 °C)
Melting point/freezing point	< 0 °C
Initial boiling point and boiling range	No data available
Flash point	> 100 °C
Evaporation rate	not applicable
Flammability (solid, gas)	not applicable
Upper explosion limit / Upper	No data available

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flammability limit	
Lower explosion limit / Lower flammability limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 1,05 g/cm ³ (20 °C)
Solubility(ies)	
Water solubility	completely miscible
Partition coefficient: n-octanol/water	not determined
Auto-ignition temperature	not auto-flammable
Decomposition temperature	No data available
Viscosity	
Viscosity, dynamic	ca. 190 mPa.s (20 °C)
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).
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10.5 Incompatible materials

Materials to avoid	Strong acids Oxidizing agents
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10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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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.

Components:**1,2-benzisothiazol-3(2H)-one:**

Acute oral toxicity Harmful if swallowed.

Skin corrosion/irritation**Product:**

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

Components:**1,2-benzisothiazol-3(2H)-one:**

Causes skin irritation.

Serious eye damage/eye irritation**Product:**

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

Components:**1,2-benzisothiazol-3(2H)-one:**

Causes serious eye damage.

Respiratory or skin sensitisation**Product:**

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

Components:**1,2-benzisothiazol-3(2H)-one:**

May cause an allergic skin reaction.

Germ cell mutagenicity**Product:**

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

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

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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.

Toxicology, Metabolism, Distribution**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).

11.2 Information on other hazards**Endocrine disrupting properties****Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Experience with human exposure**Product:**

General Information

Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Danger of irritation to eyes, nose, throat and the air passages.

Further information**Product:**

Remarks

: 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

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Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 1,6 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia (water flea)): 2,94 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants EC50 (Selenastrum capricornutum (green algae)): 0,11 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity) 1

Toxicity to microorganisms EC50 (Pseudomonas putida): 0,4 mg/l
Exposure time: 16 h

12.2 Persistence and degradability**Product:**

Biodegradability No data available

Components:**1,2-benzisothiazol-3(2H)-one:**

Biodegradability rapidly degradable
Biodegradation: > 90 %
Method: OECD Test Guideline 303A

12.3 Bioaccumulative potential**Product:**

Bioaccumulation No data available

Components:**1,2-benzisothiazol-3(2H)-one:**

Partition coefficient: n-octanol/water log Pow: 0,4

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 Endocrine disrupting properties**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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12.7 Other adverse effects

Product:

Additional ecological
information

The product is alkaline.
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. Partial and residual quantities can be reused.
Contaminated packaging	Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 12 Waste paint and varnish other than those covered by 08 01 11

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

Not regulated as a dangerous good

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

14.6 Special precautions for user

Remarks This information is not available.

14.7 Maritime transport in bulk according to IMO instruments

Remarks Not applicable

SECTION 15: REGULATORY INFORMATION

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

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VOC
Directive 2010/75/EU 1,0 %

VOC
Directive 2004/42/EC 1,0 %
10,6 g/l

EU limit value for this product (cat. A/h) :30 g/l
This product contains max30 g/lVOC.

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 work.

15.2 Chemical safety assessment

This information is not available.

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 H-Statements

H302 : Harmful if swallowed.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H400 : Very toxic to aquatic life.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Acute : Short-term (acute) aquatic hazard
Eye Dam. : Serious eye damage
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; 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 -

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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 - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals 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

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.

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

sdb@suedwest.de

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