

SÜDWEST UV-Stopp

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Warning

Hazard statements

H319

Causes serious eye irritation.

Precautionary statements

P102

Keep out of reach of children.

Prevention:

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

P260

Do not breathe vapours.

Response:

P337 + P313

If eye irritation persists: Get medical advice/ attention.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with

water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal:

P501

Contents/container to be disposed of through approved disposal contractor or taken to municipal collection point.

Additional Labelling:

EUH208

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

These are preservatives.

Regulation concerning biocidal products (528/2012):

Contains 1,2-benzisothiazol-3(2H)-one

. As active agents for storage protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

SÜDWEST UV-Stopp**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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Hazardous components**

Chemical name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (% w/w)
2-[2-(2-butoxyethoxy)ethoxy] ethanol	143-22-6 205-592-6 01-2119475107-38-XXXX	Eye Dam.1; H318	≥ 1 - < 5
sodium 3-(2H-benzotriazol-2-yl)-5-sec-butyl-4-hydroxybenzenesulfonate	92484-48-5 403-080-9 01-0000015278-66-XXXX	Eye Dam.1; H318 Aquatic Chronic3; H412	≥ 1 - < 3
4-hydroxy-2,2,6,6-tetramethylpiperidinoxyl	2226-96-2 218-760-9 01-2119968566-20-XXXX	Acute Tox.4; H302 Eye Dam.1; H318	≥ 1 - < 3
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	Acute Tox.4; H302 Skin Irrit.2; H315 Eye Dam.1; H318 Skin Sens.1; H317 Aquatic Acute1; H400	≥ 0,005 - < 0,05

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 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.

SÜDWEST UV-Stopp

	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. Wash contaminated clothing before re-use.
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	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 ₂) 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 (CO₂)
Nitrogen oxides (NO_x)
Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Additional advice	Use water spray to cool unopened containers.
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SÜDWEST UV-Stopp

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 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

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.

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

Do not get in eyes or mouth or on skin.
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.
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 incompatibilities

Requirements for

Containers which are opened must be carefully resealed

SÜDWEST UV-Stopp

storage areas and containers

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

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

a) Eye/face protection

Safety glasses with side-shields conforming to EN166
Eye wash bottle with pure water

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: 0,11 mm
Gloves made of nitrile rubber, e.g. KCL 740 Dermatrill® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent.
Cotton undergloves are recommendable when wearing protective gloves!
Skin that comes into contact with the product should be

SÜDWEST UV-Stopp

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 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.

Body Protection

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

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
pH	ca. 7,5 - 8 (20 °C) Concentration: 100 g/l
Melting point/freezing point	No data available
Initial boiling point and boiling range	ca. 100 °C (1.013 hPa)
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	not applicable

SÜDWEST UV-Stopp

Upper explosion limit / Upper flammability limit	No data available
Lower explosion limit / Lower flammability limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 1 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	No data available
Explosive properties	Not explosive
Oxidizing properties	Not applicable

9.2 Other information

Flow time	> 18 s at 20 °C Cross section: 4 mm
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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.

10.4 Conditions to avoid

SÜDWEST UV-Stopp

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

10.5 Incompatible materials

Materials to avoid Strong acids
 Oxidizing agents
 Strong bases

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 Acute toxicity estimate: > 2.000 mg/kg
 Method: Calculation method

Acute inhalation toxicity Acute toxicity estimate: > 20 mg/l
 Exposure time: 4 h
 Test atmosphere: vapour
 Method: Calculation method

Acute dermal toxicity Acute toxicity estimate: > 2.000 mg/kg
 Method: Calculation method

Components:

4-hydroxy-2,2,6,6-tetramethylpiperidinoxyl:

Acute oral toxicity Harmful if swallowed.

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.

SÜDWEST UV-Stopp

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

Causes serious eye irritation.

Components:**2-[2-(2-butoxyethoxy)ethoxy]ethanol:**

Causes serious eye damage.

sodium 3-(2H-benzotriazol-2-yl)-5-sec-butyl-4-hydroxybenzenesulfonate:

Causes serious eye damage.

4-hydroxy-2,2,6,6-tetramethylpiperidinoxyl:

Causes serious eye damage.

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 met.

Developmental Toxicity

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

STOT - single exposure**Product:**

SÜDWEST UV-Stopp

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.

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:

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

Components:

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

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 EC50 (Selenastrum capricornutum (green algae)): 0,11

SÜDWEST UV-Stopp

mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

M-Factor (Short-term
(acute) aquatic hazard) 1

Toxicity to bacteria 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 Result: 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- log Pow: 0,4
octanol/water

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

SÜDWEST UV-Stopp

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 11* waste paint and varnish containing organic solvents or other hazardous substances (*) hazardous waste in terms of the European directive 91/689/EEC

SECTION 14: TRANSPORT INFORMATION

14.1 UN 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

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks This information is not available.

SÜDWEST UV-Stopp

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 2010/75/EU 0 %
0 g/l

VOC
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 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.
H412 : Harmful to aquatic life with long lasting effects.

SÜDWEST UV-Stopp

up. We ask for your understanding in this matter.

Department issuing
MSDS
REG_EU / EN

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