

## SAFETY DATA SHEET

# SÜDWEST AquaVision Holz- Imprägnier-Grund WV

|               |                |
|---------------|----------------|
| Ref.          | 130000007547/D |
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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name SÜDWEST AquaVision Holz-Imprägnier-Grund WV

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

Wood preservatives  
Biocidal product

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  
info@suedwest.de  
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) 1865 407333

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

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

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

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

Hazard statements : H412 Harmful to aquatic life with long lasting effects.

Precautionary statements : P102 Keep out of reach of children.

##### Prevention:

P273 Avoid release to the environment.

##### Disposal:

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

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## Additional Labelling

EUH208 Contains 3-iodo-2-propynyl butylcarbamate, 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1). May produce an allergic reaction.

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

To avoid risks to man and the environment, comply with the instructions for use.

Not to be used in conjunction with wood which is intended for direct contact with foods or animal feed.

## 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.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Components

| Chemical name                    | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number            | Classification                                                                                                                                                                                                                                                | Concentration<br>(% w/w) |
|----------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 3-iodo-2-propynyl butylcarbamate | 55406-53-6<br>259-627-5<br>616-212-00-7<br>01-2120762115-60-XXXX | Acute Tox. 2; H330<br>Acute Tox. 4; H302<br>STOT RE 1; H372<br>(larynx)<br>Eye Dam. 1; H318<br>Skin Sens. 1; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br><br>M-Factor (Acute aquatic toxicity): 10<br>M-Factor (Chronic aquatic toxicity): 10 | ≥ 0,25 - < 1             |
| 1,2-benzisothiazol-3(2H)-one     | 2634-33-5<br>220-120-9<br>613-088-00-6<br>01-2120761540-60-XXXX  | Acute Tox. 4; H302<br>Acute Tox. 2; H330<br>Eye Dam. 1; H318<br>Skin Irrit. 2; H315<br>Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410                                                                                                | ≥ 0,005 - < 0,05         |

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|                                                                                                                                  |                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|                                                                                                                                  |                                                         | M-Factor (Acute aquatic toxicity): 1<br>M-Factor (Chronic aquatic toxicity): 1<br><br>specific concentration limit<br>Skin Sens. 1A<br>≥ 0,036 %<br><br>Acute toxicity estimate<br><br>Acute oral toxicity: 450 mg/kg<br>Acute inhalation toxicity: 0,21 mg/l                                                                                                                                                                                                                         |                     |
| reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1) | 55965-84-9<br><br>613-167-00-5<br>01-2120764691-48-XXXX | Acute Tox. 2; H330<br>Acute Tox. 2; H310<br>Acute Tox. 3; H301<br>Skin Corr. 1C; H314<br>Skin Sens. 1A; H317<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410<br>Eye Dam. 1; H318<br>EUH071<br><br>M-Factor (Acute aquatic toxicity): 100<br>M-Factor (Chronic aquatic toxicity): 100<br><br>specific concentration limit<br>Skin Corr. 1C<br>≥ 0,6 %<br>Skin Irrit. 2<br>0,06 - < 0,6 %<br>Eye Irrit. 2<br>0,06 - < 0,6 %<br>Skin Sens. 1A<br>≥ 0,0015 %<br>Eye Dam. 1<br>≥ 0,6 % | ≥ 0,0002 - < 0,0015 |

For explanation of abbreviations see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice

First aider needs to protect himself.

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|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | <p>In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).<br/>           Never give anything by mouth to an unconscious person.<br/>           If unconscious, place in recovery position and seek medical advice.<br/>           Remove to fresh air.<br/>           Keep patient warm and at rest.<br/>           If breathing is irregular or stopped, administer artificial respiration.<br/>           If symptoms persist, call a physician.</p> |
| Skin contact | <p>Take off all contaminated clothing immediately.<br/>           Wash skin thoroughly with soap and water or use recognized skin cleanser.<br/>           Do NOT use solvents or thinners.<br/>           If skin irritation persists, call a physician.</p>                                                                                                                                                                                                                                                   |
| Eye contact  | <p>In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.<br/>           Seek medical advice.</p>                                                                                                                                                                                                                                                                                                                             |
| Ingestion    | <p>Clean mouth with water and drink afterwards plenty of water.<br/>           Do NOT induce vomiting.<br/>           Obtain medical attention.<br/>           Keep at rest.</p>                                                                                                                                                                                                                                                                                                                                |

## 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 needed

Treatment Treat symptomatically.  
No information available.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
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 (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

Wear self-contained breathing apparatus for firefighting if necessary.  
Use personal protective equipment.  
Complete suit protecting against chemicals

Additional advice

Use water spray to cool unopened containers.  
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
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.  
Do not breathe vapours.

### 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

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in

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up

## 6.4 Reference to other sections

container for disposal according to local / national regulations (see section 13).  
Clean contaminated surface thoroughly.  
Clean with detergents. Avoid solvents.  
Dispose of contaminated material as waste according to item 13.  
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.

#### Advice on common storage Storage temperature

Protect from frost, heat and sunlight.  
Keep away from oxidizing agents and strongly acid or alkaline materials.  
5 - 30 °C

### 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

#### Occupational Exposure Limits

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

|| Monitoring procedures for the assessment of workplace exposure: standard EN 482

### 8.2 Exposure controls

#### Engineering measures

Provide adequate ventilation.

#### Personal protective equipment

Eye/face protection : Wear protective goggles for protection against splashed liquid.

Safety glasses with side-shields conforming to EN166

#### Hand protection

Material : Nitrile rubber

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Break through time : 480 min

Glove thickness : 0,4 mm

Remarks : 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 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.

Skin and body protection : Use protective skin cream before handling the product.

Work clothes

Skin should be washed after contact.

Do NOT use solvents or thinners.

Respiratory protection : No personal respiratory protective equipment normally required.

In case of insufficient ventilation, wear suitable respiratory equipment.

With spray application:

Filter P2

Respiratory protection complying with EN 143.

## Environmental exposure controls

Air : Avoid release to the environment.

Soil : Avoid subsoil penetration.

Water : Do not flush into surface water or sanitary sewer system.  
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

Physical state : liquid

Colour : various

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|                                                  |   |                                          |
|--------------------------------------------------|---|------------------------------------------|
| Odour                                            | : | mild                                     |
| Odour Threshold                                  | : | No data available                        |
| Melting point/freezing point                     | : | No data available                        |
| Initial boiling point and boiling range          | : | No data available                        |
| Flammability                                     | : | not applicable                           |
| Upper explosion limit / Upper flammability limit | : | No data available                        |
| Lower explosion limit / Lower flammability limit | : | No data available                        |
| Flash point                                      | : | Not applicable                           |
| Decomposition temperature                        | : | No data available                        |
| pH                                               | : | ca. 8 (20 °C)                            |
| Viscosity<br>Viscosity, dynamic                  | : | No data available                        |
| Flow time                                        | : | ca. 10 s at 20 °C<br>Cross section: 4 mm |
| Solubility(ies)<br>Water solubility              | : | soluble                                  |

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|                                        |   |                                   |
|----------------------------------------|---|-----------------------------------|
| Partition coefficient: n-octanol/water | : | not determined                    |
| Vapour pressure                        | : | No data available                 |
| Density                                | : | ca. 1,0 g/cm <sup>3</sup> (20 °C) |
| Relative vapour density                | : | No data available                 |

## 9.2 Other information

|                  |   |                    |
|------------------|---|--------------------|
| Self-ignition    | : | not auto-flammable |
| Evaporation rate | : | not applicable     |

## 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

|                     |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| 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<br>Strong oxidizing agents |
|--------------------|----------------------------------------------------------|

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Acute toxicity

##### **Product:**

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

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Acute inhalation toxicity

Acute toxicity estimate: > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity

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

**Components:**

**3-iodo-2-propynyl butylcarbamate:**

Acute oral toxicity

Harmful if swallowed.

Acute inhalation toxicity

LC50 (Rat): 0,17 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

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

Acute oral toxicity

Acute toxicity estimate: 450 mg/kg  
Method: Expert judgement

Acute inhalation toxicity

Acute toxicity estimate: 0,21 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Expert judgement

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):**

Acute oral toxicity

Toxic if swallowed.

Acute inhalation toxicity

Assessment: Corrosive to the respiratory tract.  
Fatal if inhaled.

Acute dermal toxicity

Fatal in contact with skin.

**Skin corrosion/irritation**

**Product:**

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

**Components:**

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

Causes skin irritation.

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):**

Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation**

**Product:**

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

**Components:**

**3-iodo-2-propynyl butylcarbamate:**

Causes serious eye damage.

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

Causes serious eye damage.

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):**

Causes serious eye damage.

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**Respiratory or skin sensitisation****Product:**

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

**Components:****3-iodo-2-propynyl butylcarbamate:**

May cause an allergic skin reaction.

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

May cause an allergic skin reaction.

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):**

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:**

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

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

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

**Components:****3-iodo-2-propynyl butylcarbamate:**

Exposure routes

Inhalation

Target Organs

larynx

Assessment

Causes damage to organs through prolonged or repeated exposure.

**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).

**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.

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## 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

#### Components:

##### 3-iodo-2-propynyl butylcarbamate:

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 0,067 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0,16 mg/l

Exposure time: 48 h

Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants

EC50 (Pseudokirchneriella subcapitata (green algae)): 0,049 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

NOEC (Pseudokirchneriella subcapitata (green algae)): 0,0046 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

M-Factor (Acute aquatic toxicity)

10

Toxicity to fish (Chronic toxicity)

NOEC: 0,0084 mg/l

Exposure time: 35 d

Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

NOEC: 0,010 mg/l

Exposure time: 21 d

Species: Daphnia (water flea)

Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity)

10

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

Toxicity to fish

LC50 (Oncorhynchus mykiss (rainbow trout)): 2,2 mg/l

Exposure time: 96 h

Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 (Daphnia (water flea)): 3,27 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

NOEC (Selenastrum capricornutum (green algae)): 0,04 mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

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|                                                                                                                                          |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M-Factor (Acute aquatic toxicity)                                                                                                        | 1                                                                                                                                                                       |
| Toxicity to fish (Chronic toxicity)                                                                                                      | NOEC: 0,21 mg/l<br>Exposure time: 28 d<br>Species: Oncorhynchus mykiss (rainbow trout)<br>Method: OECD Test Guideline 215                                               |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)                                                                   | NOEC: 1,2 mg/l<br>Exposure time: 21 d<br>Species: Daphnia (water flea)<br>Method: OECD Test Guideline 211                                                               |
| M-Factor (Chronic aquatic toxicity)                                                                                                      | 1                                                                                                                                                                       |
| <b>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):</b> |                                                                                                                                                                         |
| Toxicity to fish                                                                                                                         | LC50 (Oncorhynchus mykiss (rainbow trout)): 0,19 mg/l<br>Exposure time: 96 h                                                                                            |
| Toxicity to daphnia and other aquatic invertebrates                                                                                      | EC50 (Daphnia (water flea)): 0,12 mg/l<br>Exposure time: 48 h                                                                                                           |
| Toxicity to algae/aquatic plants                                                                                                         | EC50 (Skeletonema costatum (marine diatom)): 0,0052 mg/l<br>Exposure time: 48 h<br><br>NOEC (Skeletonema costatum (marine diatom)): 0,00049 mg/l<br>Exposure time: 48 h |
| M-Factor (Acute aquatic toxicity)                                                                                                        | 100                                                                                                                                                                     |
| Toxicity to fish (Chronic toxicity)                                                                                                      | NOEC: 0,098 mg/l<br>Exposure time: 28 d<br>Species: Oncorhynchus mykiss (rainbow trout)<br>Method: OECD Test Guideline 210                                              |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)                                                                   | NOEC: 0,004 mg/l<br>Exposure time: 21 d<br>Species: Daphnia (water flea)                                                                                                |
| M-Factor (Chronic aquatic toxicity)                                                                                                      | 100                                                                                                                                                                     |
| <b>12.2 Persistence and degradability</b>                                                                                                |                                                                                                                                                                         |
| <b><u>Product:</u></b>                                                                                                                   |                                                                                                                                                                         |
| Biodegradability                                                                                                                         | No data available                                                                                                                                                       |
| <b><u>Components:</u></b>                                                                                                                |                                                                                                                                                                         |
| <b>3-iodo-2-propynyl butylcarbamate:</b>                                                                                                 |                                                                                                                                                                         |
| Biodegradability                                                                                                                         | rapidly degradable                                                                                                                                                      |
| <b>1,2-benzisothiazol-3(2H)-one:</b>                                                                                                     |                                                                                                                                                                         |
| Biodegradability                                                                                                                         | not rapidly degradable                                                                                                                                                  |
| <b>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one[EC no.247-500-7]and 2-methyl-2H-isothiazol-3-one[EC no.220-239-6] (3:1):</b> |                                                                                                                                                                         |
| Biodegradability                                                                                                                         | not rapidly degradable                                                                                                                                                  |
| <b>12.3 Bioaccumulative potential</b>                                                                                                    |                                                                                                                                                                         |
| <b><u>Product:</u></b>                                                                                                                   |                                                                                                                                                                         |
| Bioaccumulation                                                                                                                          | No data available                                                                                                                                                       |
| <b><u>Components:</u></b>                                                                                                                |                                                                                                                                                                         |
| <b>3-iodo-2-propynyl butylcarbamate:</b>                                                                                                 |                                                                                                                                                                         |

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Partition coefficient: n-  
octanol/water

log Pow: 2,8

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

Partition coefficient: n-  
octanol/water

log Pow: 0,7

Method: OECD Test Guideline 117

## 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.

## 12.7 Other adverse effects

**Product:**

Additional ecological information

Do not allow product to enter into ground water, bodies of water or sewage systems.  
Harmful to aquatic life with long lasting effects.

## 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. Do not pour into the drain. - Do not allow to enter into the sewerage system.

Contaminated packaging

Packaging that is not properly emptied must be disposed of as the unused product.

Waste key for the unused product

Empty packaging should be recycled through disposal systems.  
03 02 05\* other wood preservatives containing hazardous substances

(\*) hazardous waste in terms of the European directive 2008/98/EG

## 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

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## 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

VOC

Directive 2010/75/EU

< 0,01 %

VOC

Directive 2004/42/EC

0 %

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

Regulation (EU) No 649/2012 of  
the European Parliament and the  
Council concerning the export and  
import of dangerous chemicals

Not applicable

REACH - Restrictions on the  
manufacture, placing on the  
market and use of certain  
dangerous substances, mixtures  
and articles (Annex XVII)

Conditions of restriction for the following entries should be considered:  
(75, 3)

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

Notification status

Further notes

The product falls under the regulation on biocide products (EU) 528/2012.  
Do not use in the direct vicinity of bodies of water. Do not allow the agent  
or any product residues to enter into waters, the soil or the sewage  
system.  
The effectiveness of the biocide is dependent on correct storage and  
observation of the use-by date.

Other regulations

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

### 15.2 Chemical safety assessment

This information is not available.

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## 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

|      |                                                                              |
|------|------------------------------------------------------------------------------|
| H301 | : Toxic if swallowed.                                                        |
| H302 | : Harmful if swallowed.                                                      |
| H310 | : Fatal in contact with skin.                                                |
| H314 | : Causes severe skin burns and eye damage.                                   |
| H315 | : Causes skin irritation.                                                    |
| H317 | : May cause an allergic skin reaction.                                       |
| H318 | : Causes serious eye damage.                                                 |
| H330 | : Fatal if inhaled.                                                          |
| H372 | : Causes damage to organs through prolonged or repeated exposure if inhaled. |
| H400 | : Very toxic to aquatic life.                                                |
| H410 | : Very toxic to aquatic life with long lasting effects.                      |

### Full text of other abbreviations

|                 |                                                      |
|-----------------|------------------------------------------------------|
| Acute Tox.      | : Acute toxicity                                     |
| Aquatic Acute   | : Short-term (acute) aquatic hazard                  |
| Aquatic Chronic | : Long-term (chronic) aquatic hazard                 |
| Eye Dam.        | : Serious eye damage                                 |
| Skin Corr.      | : Skin corrosion                                     |
| Skin Irrit.     | : Skin irritation                                    |
| Skin Sens.      | : Skin sensitisation                                 |
| STOT RE         | : Specific target organ toxicity - repeated exposure |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - 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 - 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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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 -

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Taiwan Chemical Substance Inventory; TECl - 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

Department issuing MSDS  
REG\_EU / EN

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