SAFETY DATA SHEET

# Exterior Wood Oil

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

### 1.1. Product identifier

| | |
|---|---|
| *Trade name:* | Exterior Wood Oil |
| *Product no.:* | 160***SDS TONET |
| *Unique formula identifier (UFI):* | 57A0-N0DC-C00S-JN99 |

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

| | |
|---|---|
| *Relevant identified uses of the substance or mixture:* | None known. |
| *Uses advised against :* | None known. |

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

| | |
|---|---|
| *Company and address:* | **WOCA Denmark A/S**<br>Tværvej 6<br>6640 Lunderskov<br>Denmark<br>+45 9958 5600 |
| *Contact person:* | WOCA Denmark |
| *E-mail:* | info@wocadenmark.com |
| *Revision:* | 05/10/2026 |
| *SDS Version:* | 2.0 |
| *Date of previous version:* | 26/11/2025 (1.0) |

### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 111 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

## SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.1. ▼Classification of the substance or mixture

Skin Sens. 1A; H317, May cause an allergic skin reaction.

Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

## 2.2. Label elements

*Hazard pictogram(s):*



*Signal word:* Warning

*Hazard statement(s):* May cause an allergic skin reaction. (H317)
Toxic to aquatic life with long lasting effects. (H411)

*Precautionary statement(s):*

*General:* If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

*Prevention:* Avoid breathing mist/vapour. (P261)
Avoid release to the environment. (P273)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)

*Response:* IF ON SKIN: Wash with plenty of water and soap. (P302+P352)
If skin irritation or rash occurs: Get medical advice/attention. (P333+P313)

*Storage:* Not applicable.

*Disposal:* Dispose of contents/container in accordance with local regulation.
(P501)

▼*Hazardous substances:* 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate
octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one

*Additional labelling:*

UFI: 57A0-N0DC-C00S-JN99

## 2.3. Other hazards

*Additional warnings:* This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1. Substances

Not applicable. This product is a mixture.

## 3.2. ▼Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|---|---|---|---|---|
| 3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate | CAS No.: 55406-53-6<br>EC No.: 259-627-5<br>UK-REACH:<br>Index No.: 616-212-00-7 | <1% | Acute Tox. 4, H302<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>Acute Tox. 3, H331<br>STOT RE 1, H372<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=1) | |
| 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether | CAS No.: 112-34-5<br>EC No.: 203-961-6<br>UK-REACH:<br>Index No.: | <1% | Eye Irrit. 2, H319 | [1], [3] |
| 2-butoxyethanol; ethylene glycol monobutyl ether | CAS No.: 111-76-2<br>EC No.: 203-905-0<br>UK-REACH:<br>Index No.: 603-014-00-0 | <0.1% | Acute Tox. 4, H302 (1200.0 mg/kg bw)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 3, H331 | [1] |
| (2-methoxymethylethoxy)propanol | CAS No.: 34590-94-8<br>EC No.: 252-104-2<br>UK-REACH:<br>Index No.: | <0.1% | | |
| octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT] | CAS No.: 26530-20-1<br>EC No.: 247-761-7<br>UK-REACH:<br>Index No.: 613-112-00-5 | <0.1% | EUH071<br>Acute Tox. 3, H301 (125.0 mg/kg bw)<br>Acute Tox. 3, H311 (311.0 mg/kg bw)<br>Skin Corr. 1, H314<br>Skin Sens. 1A, H317 (C ≥ 0.0015%)<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330 (ATE: 0.27 mg/L)<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) | |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one | CAS No.: 2634-33-5<br>EC No.: 220-120-9<br>UK-REACH:<br>Index No.: 613-088-00-6 | <0.05% | Acute Tox. 4, H302 (450.0 mg/kg bw)<br>Skin Irrit. 2, H315<br>Skin Sens. 1A, H317 (C ≥ 0.036%)<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330 (ATE: 0.21 mg/L)<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1) | |
| bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | CAS No.: 52-51-7<br>EC No.: 200-143-0<br>UK-REACH:<br>Index No.: | <0.05% | Acute Tox. 3, H301<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Acute Tox. 3, H331<br>STOT SE 3, H335<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 (M=10) | |

| | | | | |
|---|---|---|---|---|
| reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one | CAS No.: 55965-84-9<br>EC No.: 611-341-5<br>UK-REACH:<br>Index No.: 613-167-00-5 | <0.0001% | EUH071<br>Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Skin Corr. 1C, H314 (C ≥ 0.6%)<br>Skin Irrit. 2, H315 (0.06% ≤ C < 0.6%)<br>Skin Sens. 1A, H317 (C ≥ 0.0015%)<br>Eye Dam. 1, H318 (C ≥ 0.6%)<br>Eye Irrit. 2, H319 (0.06% ≤ C < 0.6%)<br>Acute Tox. 2, H330<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

[1] European occupational exposure limit.
[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:* In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:* Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:* IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

*Eye contact:* If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

▼*Ingestion:* If the person is conscious, rinse the mouth with water and stay with the person.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor.

Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

*Burns:* Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs: Get medical advice/attention.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Health Service (dial 111, 24 h service) in order to obtain further advice.
Hazchem Code: ●3Z

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

| | |
|---|---|
| *Recommended storage material:* | Always store in containers of the same material as the original container. |
| *Storage conditions:* | No specific requirements. |
| *Incompatible materials:* | Strong acids, strong bases, strong oxidizing agents, and strong reducing agents. |

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. ▼Control parameters

Titanium dioxide
Long term exposure limit (8 hours) (mg/m$^3$): 10(inhalable)/4(respirable)

Carbon black
Long term exposure limit (8 hours) (mg/m$^3$): 3,5
Short term exposure limit (15 minutes) (mg/m$^3$): 7

2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) (mg/m$^3$): 67,5
Short term exposure limit (15 minutes) (ppm): 15
Short term exposure limit (15 minutes) (mg/m$^3$): 101,2

2-butoxyethanol; ethylene glycol monobutyl ether
Long term exposure limit (8 hours) (ppm): 25
Long term exposure limit (8 hours) (mg/m$^3$): 123
Short term exposure limit (15 minutes) (ppm): 50
Short term exposure limit (15 minutes) (mg/m$^3$): 246
Annotations:
BMVG = Biological Monitoring Guidance Value exists
Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### ▼DNEL

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

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 345 µg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 966 µg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 1.2 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 6.81 mg/m³ |

2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - Workers | Inhalation | 67.5 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 101.2 mg/m³ |
| Long term – Systemic effects - General population | Oral | 6.25 mg/kg bw/day |

2-butoxyethanol; ethylene glycol monobutyl ether

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Inhalation | 59 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 98 mg/m³ |
| Short term – Local effects - General population | Inhalation | 147 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 246 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 426 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1091 mg/m³ |
| Long term – Systemic effects - General population | Oral | 6.3 mg/kg bw/day |
| Short term – Systemic effects - General population | Oral | 26.7 mg/kg bw/day |

3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - Workers | Dermal | 2 mg/kg bw/day |
| Long term – Local effects - Workers | Inhalation | 1.16 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 23 µg/m³ |
| Short term – Local effects - Workers | Inhalation | 1.16 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 70 µg/m³ |

bronopol (INN) 2-bromo-2-nitropropane-1,3-diol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Dermal | 4 µg/cm² |
| Long term – Local effects - Workers | Dermal | 8 µg/cm² |
| Long term – Systemic effects - General population | Dermal | 700 µg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 2 mg/kg bw/day |

| | | |
|---|---|---|
| Short term – Local effects - General population | Dermal | 4 µg/cm² |
| Short term – Local effects - Workers | Dermal | 8 µg/cm² |
| Short term – Systemic effects - General population | Dermal | 2.1 mg/kg bw/day |
| Short term – Systemic effects - Workers | Dermal | 6 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 600 µg/m³ |
| Long term – Local effects - Workers | Inhalation | 2.5 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 600 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 3.5 mg/m³ |
| Short term – Local effects - General population | Inhalation | 600 µg/m³ |
| Short term – Local effects - Workers | Inhalation | 2.5 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 1.8 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 10.5 mg/m³ |
| Long term – Systemic effects - General population | Oral | 180 µg/kg bw/day |
| Short term – Systemic effects - General population | Oral | 500 µg/kg bw/day |

Carbon black

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Inhalation | 60 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 1 mg/m³ |

reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 20 µg/m³ |
| Long term – Local effects - Workers | Inhalation | 20 µg/m³ |
| Short term – Local effects - General population | Inhalation | 40 µg/m³ |
| Short term – Local effects - Workers | Inhalation | 40 µg/m³ |
| Long term – Systemic effects - General population | Oral | 90 µg/kg bw/day |
| Short term – Systemic effects - General population | Oral | 110 µg/kg bw/day |

Titanium dioxide

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 28 µg/m³ |
| Long term – Local effects - Workers | Inhalation | 170 µg/m³ |

**▼PNEC**

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

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 4.03 µg/L |
| Freshwater sediment | | 49.9 µg/kg |
| Intermittent release (freshwater) | | 1.1 µg/L |
| Intermittent release (marine water) | | 110 ng/L |
| Marine water | | 403 ng/L |

| | | |
|---|---|---|
| Marine water sediment | | 4.99 µg/kg |
| Sewage treatment plant | | 1.03 mg/L |
| Soil | | 3 mg/kg |

2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 1.1 mg/L |
| Freshwater sediment | | 4.4 mg/kg |
| Intermittent release (freshwater) | | 11 mg/L |
| Marine water | | 110 µg/L |
| Marine water sediment | | 440 µg/kg |
| Predators | | 56 mg/kg |
| Soil | | 320 µg/kg |

2-butoxyethanol; ethylene glycol monobutyl ether

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 8.8 mg/L |
| Freshwater sediment | | 34.6 mg/kg |
| Intermittent release (freshwater) | | 26.4 mg/L |
| Marine water | | 880 µg/L |
| Marine water sediment | | 3.46 mg/kg |
| Predators | | 20 mg/kg |
| Sewage treatment plant | | 463 mg/L |
| Soil | | 2.33 mg/kg |

3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 500 ng/L |
| Freshwater sediment | | 17 µg/kg |
| Intermittent release (freshwater) | | 530 ng/L |
| Intermittent release (marine water) | | 530 ng/L |
| Marine water | | 46 ng/L |
| Marine water sediment | | 1.6 µg/kg |
| Sewage treatment plant | | 440 µg/L |
| Soil | | 5 µg/kg |

bronopol (INN) 2-bromo-2-nitropropane-1,3-diol

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 1.25 µg/L |
| Freshwater sediment | | 21.5 µg/kg |
| Intermittent release (freshwater) | | 265 ng/L |
| Marine water | | 520 ng/L |

| | | |
|---|---|---|
| Marine water sediment | | 8.944 µg/kg |
| Sewage treatment plant | | 430 µg/L |
| Soil | | 210 µg/kg |

Carbon black

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 50 mg/L |

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 2.2 µg/L |
| Freshwater sediment | | 47.5 µg/kg |
| Intermittent release (freshwater) | | 1.22 µg/L |
| Intermittent release (marine water) | | 122 ng/L |
| Marine water | | 220 ng/L |
| Marine water sediment | | 4.75 µg/kg |
| Soil | | 8.2 µg/kg |

reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 3.39 µg/L |
| Freshwater sediment | | 27 µg/kg |
| Intermittent release (freshwater) | | 3.39 µg/L |
| Intermittent release (marine water) | | 3.39 µg/L |
| Marine water | | 3.39 µg/L |
| Marine water sediment | | 27 µg/kg |
| Sewage treatment plant | | 230 µg/L |
| Soil | | 10 µg/kg |

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:* Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:* There are no exposure scenarios implemented for this product.

*Exposure limits:* Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:* The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:* In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:* Keep damming materials near the workplace. If possible, collect spillage during work.

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

*Generally:* Use only UKCA marked protective equipment.

*Respiratory Equipment:*

| Type | Class | Colour | Standards | |
|---|---|---|---|---|
| No specific requirements | | | | |

*Skin protection:*

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| No specific requirements. | - | - | |

*Hand protection:*

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|
| No specific requirements | - | - | - | |

*Eye protection:*

| Type | Standards | |
|---|---|---|
| No specific requirements | - | |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:* Liquid

*Colour:* Various colours

*Odour / Odour threshold:* Faint

*pH:* 7,5-8,5

*Density (g/cm$^3$):* 0,98-1,02

*Kinematic viscosity:* No data available.

*Particle characteristics:* Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):* No data available.

*Softening point/range (°C):* Does not apply to liquids.

| | |
|---|---|
| *Boiling point (°C):* | No data available. |
| *Vapour pressure:* | No data available. |
| *Relative vapour density:* | No data available. |
| *Decomposition temperature (°C):* | No data available. |

**Data on fire and explosion hazards**

| | |
|---|---|
| *Flash point (°C):* | No data available. |
| *Flammability (°C):* | No data available. |
| *Auto-ignition temperature (°C):* | No data available. |
| *Lower and upper explosion limit (% v/v):* | No data available. |

**Solubility**

| | |
|---|---|
| *Solubility in water:* | No data available. |
| *n-octanol/water coefficient (LogKow):* | No data available. |
| *Solubility in fat (g/L):* | No data available. |

### 9.2. Other information

| | |
|---|---|
| *Oxidizing properties:* | No data available. |
| *Other physical and chemical parameters:* | No data available. |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity
No data available.

### 10.2. Chemical stability
The product is stable under the conditions, noted in section 7 “Handling and storage”.

### 10.3. Possibility of hazardous reactions
None known.

### 10.4. Conditions to avoid
None known.

### 10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

**▼Acute 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/irritation**

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

**▼Respiratory sensitisation**

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

**Skin sensitisation**

May cause an allergic skin reaction.

**▼Germ cell mutagenicity**

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

**▼Carcinogenicity**

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

**▼Reproductive toxicity**

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

**▼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.

**Symptoms related to the physical, chemical and toxicological characteristics**

None known.

### 11.2. Information on other hazards

**Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

**Other information**

Titanium dioxide has been classified by IARC as a group 2B.
Carbon black has been classified by IARC as a group 2B.
2-butoxyethanol; ethylene glycol monobutyl ether has been classified by IARC as a group 3.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

### 12.2. ▼Persistence and degradability

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

### 12.3. ▼Bioaccumulative potential

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

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.
This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Product is covered by the regulations on hazardous waste.
HP 14 – Ecotoxic
Dispose of contents/container to an approved waste disposal plant.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

Not applicable.

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

| | 14.1 UN / ID *** | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR/ADN/RID | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br> | III | Yes | Limited quantities: 5 L<br>Tunnel restriction code: (-)<br>See below for additional information. |
| IMDG | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br> | III | Yes | Limited quantities: 5 L<br>EmS: F-A S-F<br>See below for additional information. |

| | 14.1<br>UN / ID *** | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|---|---|---|---|---|---|---|
| | | |  | | | |
| IATA | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3-iodo-2-propynyl butylcarbamate 3-iodoprop-2-yn-1-yl butylcarbamate) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br><br> | III | Yes | See below for additional information. |

* Packing group
** Environmental hazards
*** UN number or ID number

**▼Additional information**

This product is within scope of the regulations of transport of dangerous goods.
These substances when carried in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids, are not subject to any other provisions of ADR/ADN/RID/IMDG/IATA provided the packaging's meet the general provisions of 4.1.1.1, 4.1.1.2, 4.1.1.4 - 4.1.1.8 (ADR, IMDG) / 5.0.2.4.1, 5.0.2.6.1.1, 5.0.2.8 (IATA).
-
ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
Hazchem Code: ●3Z

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

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

▼*Restrictions for application:* The product must not be used professionally by persons under 18 years of age.

*Demands for specific education:* No specific requirements.

| | |
|---|---|
| *Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:* | E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes |
| ▼*UK-REACH, Annex XVII:* | 2-(2-butoxyethoxy)ethanol diethylene glycol monobutyl ether is subject to restrictions, UK-REACH annex XVII (entry 55). |
| *Additional information:* | Not applicable. |
| *Sources:* | The Management of Health and Safety at Work Regulations 1999.<br>Control of Major Accident Hazards (COMAH) Regulations 2015.<br>Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.<br>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.<br>Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law. |

### 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### ▼Full text of H-phrases as mentioned in section 3

EUH071, Corrosive to the respiratory tract.
H301, Toxic if swallowed.
H302, Harmful if swallowed.
H310, Fatal in contact with skin.
H311, Toxic in contact with skin.
H312, Harmful 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.
H319, Causes serious eye irritation.
H330, Fatal if inhaled.
H331, Toxic if inhaled.
H335, May cause respiratory irritation.
H372, Causes damage to organs through prolonged or repeated exposure.
H400, Very toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

### ▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVCB = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

## Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

## The safety data sheet is validated by

Emma Christensen

## Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en