## SAFETY DATA SHEET



**Label No** : 77917

DRYWOOD WOODSTAIN VV SG - BASE T

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name : DRYWOOD WOODSTAIN VV SG - BASE T

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

Product use : Paint.

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

Teknos Group Oy, Takkatie 3, FI-00370 HELSINKI, FINLAND. Tel. +358 9 506 091.

e-mail address of person : Prod-safe@teknos.com

responsible for this SDS

#### **National contact**

Teknos (UK) Limited, 7 Longlands Rd, Bicester, Oxfordshire OX26 5AH, United Kingdom. Tel. +44 (0) 1869 208005.

#### 1.4 Emergency telephone number

# National advisory body/Poison Centre Telephone number : NHS: 111

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Product definition : Mixture

<u>Classification according to UK CLP/GHS</u>

Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

The product is classified as hazardous according to UK CLP Regulation SI 2019/720 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Hazard pictograms





Signal word : Warning

**Hazard statements** : H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

**Precautionary statements** 

General : P103 - Read carefully and follow all instructions.

P102 - Keep out of reach of children.

**Prevention**: P280 - Wear protective gloves. Wear eye or face protection.

P273 - Avoid release to the environment.

Response : P391 - Collect spillage.

Storage : Not applicable.

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## **SECTION 2: Hazards identification**

**Disposal** 

: P501 - Dispose of contents and container in accordance with all local, regional,

national and international regulations.

Supplemental label

elements

:

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

#### 2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII : This mixture does not contain any substances that are assessed to be a PBT or a

vPvB.

Other hazards which do not result in classification

: None known.

## SECTION 3: Composition/information on ingredients

3.2 Mixtures : Mixture

| Product/ingredient name                      | Identifiers   | %      | Classification  | Type    |
|--|---|--------|---|---------|
| √(2-butoxyethoxy)ethanol                     | REACH #:<br>01-2119475104-44<br>EC: 203-961-6<br>CAS: 112-34-5<br>Index: 603-096-00-8 | ≤3     | Eye Irrit. 2, H319  | [1] [2] |
| 2-Butoxyethanol                              | REACH #:<br>01-2119475108-36<br>EC: 203-905-0<br>CAS: 111-76-2<br>Index: 603-014-00-0 | ≤3     | Acute Tox. 4, H302<br>Acute Tox. 4, H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319   | [1] [2] |
| 3-iodo-2-propynyl-butyl carbamate            | EC: 259-627-5<br>CAS: 55406-53-6<br>Index: 616-212-00-7                               | <1     | Acute Tox. 4, H302<br>Acute Tox. 3, H331<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>STOT RE 1, H372<br>(larynx)<br>Aquatic Acute 1, H400<br>(M=10)<br>Aquatic Chronic 1,<br>H410 (M=1)      | [1]     |
| Dipropyleneglycolmethylether                 | REACH #:<br>01-2119450011-60<br>EC: 252-104-2<br>CAS: 34590-94-8                      | ≤0.3   | Not classified.   | [2]     |
| 4,5-dichloro-2-octyl-2H-isothiazol-<br>3-one | EC: 264-843-8<br>CAS: 64359-81-5<br>Index: 613-335-00-8                               | <0.1   | Acute Tox. 4, H302<br>Acute Tox. 2, H330<br>Skin Corr. 1, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>(M=100)<br>Aquatic Chronic 1,<br>H410 (M=100)<br>EUH071 | [1]     |
| Bronopol                                     | EC: 200-143-0<br>CAS: 52-51-7<br>Index: 603-085-00-8                                  | ≤0.022 | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335  | [1]     |

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#### SECTION 3: Composition/information on ingredients Aquatic Acute 1, H400 (M=10)≤0.1 2-aminoethanol EC: 205-483-3 Acute Tox. 4, H302 [1] [2] CAS: 141-43-5 Acute Tox. 4. H312 Index: 603-030-00-8 Acute Tox. 4. H332 Skin Corr. 1B. H314 Eye Dam. 1, H318 **STOT SE 3, H335** copper dihydroxide EC: 243-815-9 < 0.01 Acute Tox. 4, H302 [1] [2] CAS: 20427-59-2 Acute Tox. 2, H330 Index: 029-021-00-3 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)Aquatic Chronic 1, H410 (M=10) Propylene glycol REACH #: ≤0.1 Not classified. [2] 01-2119456809-23 EC: 200-338-0 CAS: 57-55-6 REACH #: < 0.1 Skin Corr. 1C, H314 Dibutyltindilaurate [1] [2] 01-2119496068-27 Eve Dam. 1. H318 Skin Sens. 1, H317 EC: 201-039-8 CAS: 77-58-7 Muta. 2, H341 Repr. 1B, H360 **STOT SE 1, H370 STOT RE 1, H372** Aquatic Acute 1, H400 (M=1)Aquatic Chronic 1, H410 (M=1) See Section 16 for the full text of the H statements declared

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

#### Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

## 4.1 Description of first aid measures

**Eye contact** 

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Skin contact** 

: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

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## **SECTION 4: First aid measures**

#### Ingestion

: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## **Protection of first-aiders**

: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear

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

## Over-exposure signs/symptoms

**Eye contact** : Adverse symptoms may include the following:

> pain or irritation watering

Inhalation : No specific data.

**Skin contact** : Adverse symptoms may include the following:

> irritation redness

redness

Ingestion : No specific data.

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

: No specific treatment. **Specific treatments** 

## SECTION 5: Firefighting measures

## 5.1 Extinguishing media

Suitable extinguishing media

: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing

media

: None known.

## 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being

discharged to any waterway, sewer or drain.

**Hazardous combustion** products

Decomposition products may include the following materials: carbon dioxide

carbon monoxide

## 5.3 Advice for firefighters

**Special protective actions** for fire-fighters

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective** equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

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## SECTION 6: Accidental release measures

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

## For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## **6.2 Environmental** precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

## 6.3 Methods and material for containment and cleaning up

## **Small spill**

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## Large spill

: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## 6.4 Reference to other sections

: See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 7.1 Precautions for safe handling

## **Protective measures**

: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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## 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

**Seveso Directive - Reporting thresholds** 

**Danger criteria** 

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## **SECTION 7: Handling and storage**

|    | Notification and MAPP threshold | Safety report threshold |
|----|---------------------------------|-------------------------|
| E2 | 200 tonne                       | 500 tonne               |

## 7.3 Specific end use(s)

Recommendations : Not available. **Industrial sector specific** : Not available.

solutions

## SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

**Occupational exposure limits** 

2-(2-butoxyethoxy)ethanol EH40/2005 WELs (United Kingdom (UK), 1/2020).

> TWA: 10 ppm 8 hours. STEL: 15 ppm 15 minutes. TWA: 67.5 mg/m<sup>3</sup> 8 hours. STEL: 101.2 mg/m<sup>3</sup> 15 minutes.

2-Butoxyethanol EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed

through skin.

STEL: 50 ppm 15 minutes. TWA: 25 ppm 8 hours. STEL: 246 mg/m<sup>3</sup> 15 minutes. TWA: 123 mg/m<sup>3</sup> 8 hours.

EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed Dipropyleneglycolmethylether

through skin.

TWA: 308 mg/m<sup>3</sup> 8 hours. TWA: 50 ppm 8 hours.

2-aminoethanol EH40/2005 WELs (United Kingdom (UK), 1/2020). Absorbed

through skin.

STEL: 7.6 mg/m<sup>3</sup> 15 minutes. STEL: 3 ppm 15 minutes. TWA: 1 ppm 8 hours. TWA: 2.5 mg/m<sup>3</sup> 8 hours.

EH40/2005 WELs (United Kingdom (UK), 1/2020). [Copper and copper dihydroxide

compounds dust and mists, as Cu]

STEL: 2 mg/m³, (as Cu) 15 minutes. Form: Dusts and Mists TWA: 1 mg/m³, (as Cu) 8 hours. Form: Dusts and Mists EH40/2005 WELs (United Kingdom (UK), 1/2020).

TWA: 10 mg/m<sup>3</sup> 8 hours. Form: Particulate

TWA: 474 mg/m<sup>3</sup> 8 hours. Form: total vapour and particulates TWA: 150 ppm 8 hours. Form: total vapour and particulates EH40/2005 WELs (United Kingdom (UK), 1/2020). [tin

compounds, organic, except cyhexatin (ISO) as Sn] Absorbed

through skin.

STEL: 0.2 mg/m³, (as Sn) 15 minutes. TWA: 0.1 mg/m³, (as Sn) 8 hours.

#### **Biological exposure indices**

| Product/ingredient name | Exposure indices   |
|-------------------------|--|
| 2-Butoxyethanol         | EH40/2005 BMGVs (United Kingdom (UK), 8/2018) BGV: 240 mmol/mol creatinine, butoxyacetic acid [in urine]. Sampling time: post shift. |

procedures

**Recommended monitoring**: Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## **DNELs/DMELs**

Propylene glycol

Dibutyltindilaurate

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## SECTION 8: Exposure controls/personal protection

| P-(2-butoxyethoxy)ethanol  DNEL Long term Oral 6.25 mg/ kg bw/day population  DNEL Long term 67.5 mg/m³ Workers  Local  DNEL Short term Oral 6.3 mg/kg bw/day population  DNEL Long term Oral 6.3 mg/kg bw/day population  DNEL Short term Oral 26.7 mg/ kg bw/day population  DNEL Long term Oral 59 mg/m³ General population  DNEL Long term Foral 59 mg/m³ Systemi population Systemi population  | c<br>c |
|--|--------|
| DNEL Long term Inhalation DNEL Short term Oral DNEL Long term Oral DNEL Short term | с<br>с |
| Inhalation Short term Inhalation DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL   | С      |
| DNEL Short term Inhalation DNEL Long term Oral DNEL Short term Oral DNEL Short term Oral DNEL Short term Oral DNEL Short term Oral DNEL Long term Oral Short term Oral Short term Oral DNEL Long term Inhalation DNEL Short term Oral Systemi DNEL Long term Inhalation Systemi DNEL Long term Inhalation Systemi DNEL Long term Inhalation DNEL Long term Inhalation DNEL Short term Oral DNEL Short term Oral Systemi DNEL Short term Oral DNEL Short term Oral DNEL Short term Oral Systemi DNEL Short term Oral DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL  | С      |
| 2-Butoxyethanol  DNEL Long term Oral 6.3 mg/kg bw/day population  DNEL Long term Oral 26.7 mg/kg bw/day 26.7 mg/kg bw/day population  DNEL Long term Inhalation  DNEL Long term Practical population population Population  DNEL Long term Practical population Populati | С      |
| DNEL Short term Oral 26.7 mg/ kg bw/day population Systemi Population Systemi Population Systemi Population Systemi Population PNEL Long term Inhalation PNEL Inhalation PNEL Short term Oral 26.7 mg/ kg bw/day population Population Systemi Population PNEL PNEL PNEL PNEL PNEL PNEL PNEL PNEL  | С      |
| DNEL Long term   59 mg/m³   General population   DNEL Long term   10 mg/m³   DNEL Long term   98 mg/m³   Workers   Systemi   S |        |
| DNEL Long term 98 mg/m³ Workers Systemi  | С      |
|  |        |
| DNEL Short term 147 mg/m³ General Local Inhalation population  |        |
| DNEL Short term 246 mg/m³ Workers Local Inhalation   |        |
| DNEL Short term 426 mg/m³ General Systemi population   | С      |
| DNEL Short term 1091 mg/ Workers Systemi   | С      |
| 3-iodo-2-propynyl-butyl carbamate DNEL Long term 0.023 mg/ Workers Systemi   | С      |
| DNEL Short term 0.07 mg/m³ Workers Systemi   | С      |
| DNEL Short term 1.16 mg/m³ Workers Local Inhalation  |        |
| DNEL Long term 1.16 mg/m³ Workers Local Inhalation   |        |
| DNEL Long term Dermal 2 mg/kg Workers Systemi bw/day   |        |
| Dipropyleneglycolmethylether DNEL Long term Oral 36 mg/kg bw/day General population Systemi  |        |
| DNEL Long term 37.2 mg/m³ General Systemi Inhalation   |        |
| DNEL Long term Dermal 121 mg/kg General Systemi bw/day population  |        |
| DNEL Long term Dermal 283 mg/kg Workers Systemi bw/day   |        |
| DNEL Long term 308 mg/m³ Workers Systemi   | С      |
| Bronopol DNEL Short term Dermal 4 µg/cm² General population Local  |        |
| DNEL Long term Dermal 4 µg/cm² General Local population  |        |
| DNEL Short term Dermal 8 µg/cm² Workers Local  |        |
| DNEL Long term Dermal 8 μg/cm² Workers Local DNEL Long term Oral 0.18 mg/ General Systemi  | c      |
| DNEL   Long term Oral   0.18 mg/   General   Systemi   | C      |
| DNEL Short term Oral 0.5 mg/kg General Systemi bw/day population   | С      |
| DNEL Short term 0.6 mg/m³ General Local Inhalation   |        |
| DNEL Long term 0.6 mg/m³ General Systemi population  | С      |
| DNEL Long term Dermal 0.7 mg/kg General Systemi bw/day population  | С      |
| DNEL Short term 1.8 mg/m³ General Systemi  | С      |
| DNEL Long term Dermal 2 mg/kg Workers Systemi  | С      |
| DNEL Short term Dermal 2.1 mg/kg bw/day General population Systemi   | С      |

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## SECTION 8: Exposure controls/personal protection

|                     | DNEL | Short term<br>Inhalation | 2.5 mg/m³                    | Workers               | Local    |
|---------------------|------|--------------------------|------------------------------|-----------------------|----------|
|                     | DNEL | Long term<br>Inhalation  | 2.5 mg/m <sup>3</sup>        | Workers               | Local    |
|                     | DNEL | Long term<br>Inhalation  | 3.5 mg/m³                    | Workers               | Systemic |
|                     | DNEL | Short term Dermal        | 6 mg/kg<br>bw/day            | Workers               | Systemic |
|                     | DNEL | Short term<br>Inhalation | 10.5 mg/m³                   | Workers               | Systemic |
| 2-aminoethanol      | DNEL | Long term<br>Inhalation  | 0.18 mg/m <sup>3</sup>       | General population    | Systemic |
|                     | DNEL | Long term<br>Inhalation  | 0.28 mg/m <sup>3</sup>       | General population    | Local    |
|                     | DNEL | Long term<br>Inhalation  | 0.51 mg/m³                   | Workers               | Local    |
|                     | DNEL | Long term<br>Inhalation  | 1 mg/m³                      | Workers               | Systemic |
|                     | DNEL | Long term Oral           | 1.5 mg/kg<br>bw/day          | General population    | Systemic |
|                     | DNEL | Long term Dermal         | 1.5 mg/kg<br>bw/day          | General<br>population | Systemic |
|                     | DNEL | Long term Dermal         | 3 mg/kg<br>bw/day            | Workers               | Systemic |
| copper dihydroxide  | DNEL | Long term Oral           | 0.041 mg/<br>kg bw/day       | General population    | Systemic |
|                     | DNEL | Short term Oral          | 0.082 mg/<br>kg bw/day       | General population    | Systemic |
|                     | DNEL | Long term<br>Inhalation  | 1 mg/m³                      | Workers               | Local    |
|                     | DNEL | Long term<br>Inhalation  | 1 mg/m³                      | Workers               | Systemic |
|                     | DNEL | Long term Dermal         | 137 mg/kg<br>bw/day          | Workers               | Systemic |
| Propylene glycol    | DNEL | Long term<br>Inhalation  | 10 mg/m³                     | General population    | Local    |
|                     | DNEL | Long term<br>Inhalation  | 10 mg/m³                     | Workers               | Local    |
|                     | DNEL | Long term<br>Inhalation  | 50 mg/m <sup>3</sup>         | General population    | Systemic |
|                     | DNEL | Long term<br>Inhalation  | 168 mg/m³                    | Workers               | Systemic |
| Dibutyltindilaurate | DNEL | Long term Oral           | 0.0031 mg/<br>kg bw/day      | General population    | Systemic |
|                     | DNEL | Long term<br>Inhalation  | 0.0046 mg/<br>m <sup>3</sup> | General population    | Systemic |
|                     | DNEL | Short term<br>Inhalation | 0.059 mg/<br>m³              | Workers               | Systemic |
|                     | DNEL | Short term Dermal        | 0.5 mg/kg<br>bw/day          | General population    | Systemic |
|                     | DNEL | Short term Oral          | 0.02 mg/<br>kg bw/day        | General population    | Systemic |
|                     | DNEL | Long term<br>Inhalation  | 0.02 mg/m <sup>3</sup>       | Workers               | Systemic |
|                     | DNEL | Short term<br>Inhalation | 0.04 mg/m³                   | General population    | Systemic |
|                     | DNEL | Long term Dermal         | 0.16 mg/<br>kg bw/day        | General population    | Systemic |
|                     | DNEL | Long term Dermal         | 0.43 mg/<br>kg bw/day        | Workers               | Systemic |
|                     | DNEL | Short term Dermal        | 2.08 mg/<br>kg bw/day        | Workers               | Systemic |

**PNECs** 

No PNECs available

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## SECTION 8: Exposure controls/personal protection

#### 8.2 Exposure controls

**Appropriate engineering** controls

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### **Individual protection measures**

**Hygiene measures** 

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## **Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

## **Skin protection Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Recommendations: Wear suitable gloves tested to EN374.

> 8 hours (breakthrough time): Nitrile gloves. thickness > 0.3 mm Not recommended polyvinyl alcohol (PVA) gloves

**Body protection** 

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Filter type (spray application):

**Environmental exposure** controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

## 9.1 Information on basic physical and chemical properties

**Appearance** 

**Physical state** : Liquid. Colourless. Colour **Odour** Slight

: Not available. **Odour threshold** Melting point/freezing point : Not available.

Initial boiling point and

boiling range

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## SECTION 9: Physical and chemical properties

| Ingredient name | °C           | °F             | Method    |
|-----------------|--------------|----------------|-----------|
| water           | 100          | 212            |           |
| 2-Butoxyethanol | 171 to 171.5 | 339.8 to 340.7 | IP 123-93 |

Flammability (solid, gas) : Not available.

Upper/lower flammability or : Lower: Not applicable. Upper: Not applicable. explosive limits

: Closed cup: >100°C (>212°F) Flash point

**Auto-ignition temperature** 

| Ingredient name           | °C  | °F  | Method    |
|---------------------------|-----|-----|-----------|
| 2-(2-butoxyethoxy)ethanol | 210 | 410 | DIN 51794 |
| 2-Butoxyethanol           | 230 | 446 | DIN 51794 |

**Decomposition temperature** : Not available. pН : 7 to 8.5 **Viscosity** Not available.

Solubility(ies)

Not available.

Solubility in water : Not available. Partition coefficient: n-octanol/ : Not applicable.

water

Vapour pressure

|                 | Va      | Vapour Pressure at 20°C |        |       | pour press | ure at 50°C |
|-----------------|---------|-------------------------|--------|-------|------------|-------------|
| Ingredient name | mm Hg   | kPa                     | Method | mm Hg | kPa        | Method      |
| water           | 17.5    | 2.3                     |        |       |            |             |
| 2-Butoxyethanol | 0.75006 | 0.1                     |        |       |            |             |

**Relative density** : Not available. **Density** : 1 g/cm<sup>3</sup> Vapour density : Not available. : Not available. **Explosive properties Oxidising properties** : Not available.

**Particle characteristics** 

Median particle size : Not applicable.

## SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

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

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## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

## **Acute toxicity**

| Product/ingredient name   | Result                    | Species      | Dose        | Exposure |
|---------------------------|---------------------------|--------------|-------------|----------|
| 2-(2-butoxyethoxy)ethanol | LD50 Dermal               | Rabbit       | 2700 mg/kg  | -        |
|                           | LD50 Oral                 | Rat          | 4500 mg/kg  | -        |
| 3-iodo-2-propynyl-butyl   | LC50 Inhalation Dusts and | Rat          | 0.67 g/m³   | 4 hours  |
| carbamate                 | mists                     |              | _           |          |
|                           | LC50 Inhalation Dusts and | Rat          | 0.763 mg/l  | 4 hours  |
|                           | mists                     |              |             |          |
|                           | LD50 Dermal               | Rat          | >2000 mg/kg | -        |
|                           | LD50 Oral                 | Rat          | 400 mg/kg   | -        |
| 4,5-dichloro-2-octyl-2H-  | LC50 Inhalation Dusts and | Rat - Male,  | 0.26 mg/l   | 4 hours  |
| isothiazol-3-one          | mists                     | Female       |             |          |
|                           | LD50 Dermal               | Rabbit       | >652 mg/kg  | -        |
|                           | LD50 Oral                 | Rat          | 1585 mg/kg  | -        |
| Bronopol                  | LC50 Inhalation Dusts and | Rat          | >0.588 mg/l | 4 hours  |
|                           | mists                     |              |             |          |
|                           | LD50 Dermal               | Rat          | 4750 mg/kg  | -        |
|                           | LD50 Oral                 | Rat          | 307 mg/kg   | -        |
| 2-aminoethanol            | LD50 Oral                 | Rat          | 1720 mg/kg  | -        |
| copper dihydroxide        | LC50 Inhalation Dusts and | Rat - Male,  | 0.451 mg/l  | 4 hours  |
|                           | mists                     | Female       |             |          |
|                           | LD50 Dermal               | Rat - Male,  | >2000 mg/kg | -        |
|                           |                           | Female       |             |          |
|                           | LD50 Oral                 | Rat - Female | 657 mg/kg   | -        |
| Propylene glycol          | LD50 Dermal               | Rabbit       | 20800 mg/kg | -        |
|                           | LD50 Oral                 | Rat          | 20 g/kg     | -        |
| Dibutyltindilaurate       | LD50 Oral                 | Rat          | 175 mg/kg   | -        |

## Conclusion/Summary

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

## **Acute toxicity estimates**

| Route                | ATE value                                     |
|----------------------|---|
| Inhalation (vapours) | 101230.97 mg/kg<br>927.95 mg/l<br>103.65 mg/l |

## **Irritation/Corrosion**

| Product/ingredient name      | Result                   | Species | Score | Exposure           | Observation |
|------------------------------|--------------------------|---------|-------|--------------------|-------------|
| 2-(2-butoxyethoxy)ethanol    | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 20        | -           |
|                              |                          |         |       | mg                 |             |
|                              | Eyes - Severe irritant   | Rabbit  | -     | 20 mg              | -           |
| 2-Butoxyethanol              | Eyes - Moderate irritant | Rabbit  | -     | 24 hours 100       | -           |
|                              |                          |         |       | mg                 |             |
|                              | Eyes - Severe irritant   | Rabbit  | -     | 100 mg             | -           |
|                              | Skin - Mild irritant     | Rabbit  | -     | 500 mg             | -           |
| 3-iodo-2-propynyl-butyl      | Eyes - Severe irritant   | Rabbit  | -     | -                  | -           |
| carbamate                    | E NATI I to the          | 11      |       | 0                  |             |
| Dipropyleneglycolmethylether | Eyes - Mild irritant     | Human   | -     | 8 mg               | -           |
|                              | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500       | -           |
|                              | Okin Mild invitoret      | Dabbit  |       | mg                 |             |
| D I                          | Skin - Mild irritant     | Rabbit  | -     | 500 mg             | -           |
| Bronopol                     | Skin - Mild irritant     | Rabbit  | -     | 24 hours 500<br>mg | -           |
|                              | Skin - Moderate irritant | Human   | -     | 10 mg              | -           |
|                              | Skin - Moderate irritant | Rabbit  | -     | 80 mg              | -           |
| 2-aminoethanol               | Eyes - Severe irritant   | Rabbit  | -     | 250 ug             | -           |
|                              | Skin - Moderate irritant | Rabbit  | -     | 505 mg             | -           |
| Propylene glycol             | Eyes - Mild irritant     | Rabbit  | -     | 100 mg             | -           |
|                              | Eyes - Mild irritant     | Rabbit  | -     | 24 hours 500       | -           |
|                              |                          |         |       | mg                 |             |
|                              | Skin - Mild irritant     | Human   | -     | 168 hours          | -           |
|                              |                          |         |       | 500 mg             |             |
|                              |                          |         |       |                    |             |

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## **SECTION 11: Toxicological information**

|                     | Skin - Mild irritant     | Woman  | - | 96 hours 30  | - |
|---------------------|--------------------------|--------|---|--------------|---|
|                     |                          |        |   | %            |   |
|                     | Skin - Moderate irritant | Child  | - | 96 hours 30  | - |
|                     |                          |        |   | % C          |   |
|                     | Skin - Moderate irritant | Human  | - | 72 hours 104 | - |
|                     |                          |        |   | mg I         |   |
| Dibutyltindilaurate | Eyes - Moderate irritant | Rabbit | - | 24 hours 100 | - |
|                     |                          |        |   | mg           |   |
|                     | Skin - Severe irritant   | Rabbit | - | 500 mg       | - |

**Conclusion/Summary** 

: Causes skin irritation.

### **Sensitisation**

| Product/ingredient name           | Route of exposure | Species    | Result          |
|-----------------------------------|-------------------|------------|-----------------|
| 3-iodo-2-propynyl-butyl carbamate | skin              | Guinea pig | Not sensitizing |

Conclusion/Summary

: May cause an allergic skin reaction.

#### **Mutagenicity**

| Product/ingredient name           | Test | Experiment                                | Result   |
|-----------------------------------|------|---|----------|
| 3-iodo-2-propynyl-butyl carbamate | -    | Experiment: In vitro<br>Subject: Bacteria | Negative |

**Conclusion/Summary** 

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

**Carcinogenicity** 

Conclusion/Summary : Based on available data, the classification criteria are not met.

**Reproductive toxicity** 

| Product/ingredient name           | Maternal toxicity | Fertility | Developmental<br>toxin | Species | Dose              | Exposure                       |
|-----------------------------------|-------------------|-----------|------------------------|---------|-------------------|--------------------------------|
| 3-iodo-2-propynyl-butyl carbamate | Negative          | -         | Negative               |         | Oral: 20<br>mg/kg | 13 days; 7<br>days per<br>week |
|                                   | Positive          | -         | Negative               |         | Oral: 50<br>mg/kg | 13 days; 7<br>days per<br>week |

**Conclusion/Summary** : Based on available data, the classification criteria are not met.

## **Teratogenicity**

| Product/ingredient name           | Result          | Species         | Dose     | Exposure |
|-----------------------------------|-----------------|-----------------|----------|----------|
| 3-iodo-2-propynyl-butyl carbamate | Negative - Oral | Rabbit - Female | 50 mg/kg | -        |

## Conclusion/Summary

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

## Specific target organ toxicity (single exposure)

| Product/ingredient name | Category   | Route of exposure | Target organs                |
|-------------------------|------------|-------------------|------------------------------|
| Bronopol                | Category 3 |                   | Respiratory tract irritation |
| 2-aminoethanol          | Category 3 |                   | Respiratory tract irritation |
| Dibutyltindilaurate     | Category 1 | -                 | -                            |

## Specific target organ toxicity (repeated exposure)

| Product/ingredient name                 | Category                 | Route of exposure | Target organs |
|---|--------------------------|-------------------|---------------|
| 1 | Category 1<br>Category 1 | -                 | larynx<br>-   |

## **Aspiration hazard**

Not available.

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## **SECTION 11: Toxicological information**

Information on likely routes : Not available.

of exposure

Potential acute health effects

**Eye contact** : Causes serious eye irritation.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact**: Causes skin irritation. May cause an allergic skin reaction.

**Ingestion** : No known significant effects or critical hazards.

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

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

Inhalation : No specific data.

**Skin contact**: Adverse symptoms may include the following:

irritation redness

**Ingestion** : No specific data.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Short term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

**Long term exposure** 

Potential immediate : Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Not available.

**Conclusion/Summary**: Not available.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed

to very low levels.

Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Reproductive toxicity : No known significant effects or critical hazards.

Other information : Not available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

| Product/ingredient name           | Result                               | Species  | Exposure |
|-----------------------------------|--------------------------------------|--|----------|
| 2-(2-butoxyethoxy)ethanol         | Acute LC50 1300000 μg/l Fresh water  | Fish - Bluegill - <i>Lepomis</i> macrochirus               | 96 hours |
| 2-Butoxyethanol                   | Acute EC50 >1000 mg/l Fresh water    | Daphnia - Water flea - <i>Daphnia</i> magna                | 48 hours |
|                                   | Acute LC50 800000 μg/l Marine water  | Crustaceans - Common shrimp, sand shrimp - Crangon crangon | 48 hours |
|                                   | Acute LC50 1250000 μg/l Marine water | Fish - Inland silverside - Menidia beryllina               | 96 hours |
| 3-iodo-2-propynyl-butyl carbamate | Acute EC50 0.022 mg/l Fresh water    | Algae - Algae - Scenedemus subspicatus                     | 72 hours |
|                                   | Acute EC50 0.16 mg/l Fresh water     | Daphnia - Daphnia - Daphnia                                | 48 hours |

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## **SECTION 12: Ecological information**

| ocorion iz. Ecolog                       |                                       |   |          |
|--|---------------------------------------|---|----------|
|  |                                       | magna   |          |
|  | Acute LC50 0.067 mg/l Fresh water     | Fish - Trout - Oncorhynchus                           | 96 hours |
|  |                                       | mykiss  |          |
|  | Acute NOEC 0.049 mg/l Fresh water     | Fish - Trout - Oncorhynchus                           | 96 hours |
|  | · · · · · · · · · · · · · · · · · · · | mykiss  |          |
|  | Chronic NOEC 0.05 mg/l Fresh water    | Daphnia - Daphnia - <i>Daphnia</i>                    | 21 days  |
|  | Onionio 14020 0.00 mg/11 resir water  | Magna   | Z i days |
| 4.5 diablara 2 actul 2H                  | Acute EC50 0.003 mg/l Fresh water     | ı — —   | 72 hours |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one | Acute EC30 0.003 mg/l Flesh water     | Algae - Green algae - Pseudokirchneriella subcapitata | 12 Hours |
| isotniazoi-3-one                         | Asuta FOFO 40 mak Marina watan        |   | 00 5     |
|  | Acute EC50 18 ppb Marine water        | Algae - Diatom - Skeletonema                          | 96 hours |
|  |                                       | costatum  | 40.1     |
|  | Acute EC50 0.001 mg/l Fresh water     | Daphnia - Water flea - <i>Daphnia</i>                 | 48 hours |
|  |                                       | magna   |          |
|  | Acute LC50 22 µg/l Fresh water        | Crustaceans - Scud -                                  | 48 hours |
|  |                                       | Gammarus pulex  |          |
|  | Acute LC50 2.7 ppb Fresh water        | Fish - Rainbow trout,donaldson                        | 96 hours |
|  |                                       | trout - Oncorhynchus mykiss                           |          |
|  | Chronic NOEC 19.789 µg/l Marine       | Algae - Diatom - <i>Nitzschia</i>                     | 96 hours |
|  | water                                 | pungens   |          |
|  | Chronic NOEC 0.56 ppb                 | Fish - Rainbow trout,donaldson                        | 97 days  |
|  | Cimerine 110 20 ones ppis             | trout - Oncorhynchus mykiss                           | o, o     |
| Bronopol                                 | Acute EC50 0.4 mg/l                   | Algae   | 72 hours |
| Втопорог                                 | Acute EC50 0.02 ppm Fresh water       | Algae - Green algae -                                 | 96 hours |
|  | Addic 2000 0.02 ppin i resii water    | Scenedesmus subspicatus                               | 30 Hours |
|  | Acute EC50 1.4 mg/l                   | Daphnia   | 48 hours |
|  |                                       |   |          |
|  | Acute LC50 41.2 mg/l                  | Fish Bluevill / enemia                                | 96 hours |
|  | Acute LC50 11.17 ppm Fresh water      | Fish - Bluegill - Lepomis                             | 96 hours |
|  |                                       | macrochirus   | 40.1     |
|  | Chronic NOEC 1.94 ppm                 | Fish - Rainbow trout,donaldson                        | 49 days  |
|  |                                       | trout - Oncorhynchus mykiss                           |          |
| 2-aminoethanol                           | Acute EC50 8.42 mg/l Fresh water      | Algae - Green algae -                                 | 72 hours |
|  |                                       | Desmodesmus subspicatus                               |          |
|  | Acute LC50 >100000 µg/l Marine water  | Crustaceans - Common shrimp,                          | 48 hours |
|  |                                       | sand shrimp - Crangon crangon                         |          |
|  |                                       | - Adult   |          |
|  | Acute LC50 170 mg/l Fresh water       | Fish - Goldfish - Carassius                           | 96 hours |
|  |                                       | auratus   |          |
| copper dihydroxide                       | Acute LC50 0.064 ppm Fresh water      | Fish - Rainbow trout,donaldson                        | 96 hours |
| Soppor annyaroxido                       | 7.00.0 E000 0.00+ ppiii i iosii watei | trout - Oncorhynchus mykiss                           | Conodia  |
| Propylone glycel                         | Aguto EC50 10300 mg/l Eroch weter     |   | 06 hours |
| Propylene glycol                         | Acute EC50 19300 mg/l Fresh water     | Algae - Algae   | 96 hours |
|  | Acute EC50 43500 mg/l Fresh water     | Daphnia - Daphnia - Daphnia                           | 48 hours |
|  | A                                     | magna   | 40.1     |
|  | Acute LC50 18340000 µg/l Fresh water  | Crustaceans - Water flea -                            | 48 hours |
|  |                                       | Ceriodaphnia dubia                                    |          |
|  | Acute LC50 40613 mg/l Fresh water     | Fish - Trout - Oncorhynchus                           | 96 hours |
|  |                                       | mykiss  |          |
| Dibutyltindilaurate                      | Chronic EC10 >2 mg/l Fresh water      | Algae - Green algae -                                 | 96 hours |
|  |                                       | Scenedesmus subspicatus                               |          |
| <u> </u>                                 | <del> </del>                          | ļ <u></u>   | ļ        |

**Conclusion/Summary** 

: Toxic to aquatic life with long lasting effects.

## 12.2 Persistence and degradability

**Conclusion/Summary**: This product has not been tested for biodegradation.

| Product/ingredient name           | Aquatic half-life | Photolysis | Biodegradability   |
|-----------------------------------|-------------------|------------|--------------------|
| 3-iodo-2-propynyl-butyl carbamate | -                 | -          | Not readily        |
| Bronopol<br>Propylene glycol      | -                 |            | Readily<br>Readily |

## 12.3 Bioaccumulative potential

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## **SECTION 12: Ecological information**

| Product/ingredient name           | LogPow | BCF  | Potential |
|-----------------------------------|--------|------|-----------|
| <b>2</b> -(2-butoxyethoxy)ethanol | 1      | -    | Low       |
| 2-Butoxyethanol                   | 0.81   | -    | Low       |
| 3-iodo-2-propynyl-butyl           | >1     | -    | Low       |
| carbamate                         |        |      |           |
| Dipropyleneglycolmethylether      | 0.004  | -    | Low       |
| Bronopol                          | 0.18   | -    | Low       |
| 2-aminoethanol                    | -1.31  | -    | Low       |
| Propylene glycol                  | -1.07  | -    | Low       |
| Dibutyltindilaurate               | 4.44   | 2.91 | Low       |

#### 12.4 Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Mobility : Not available.

## 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Other adverse effects**: No known significant effects or critical hazards.

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

#### **Product**

**Methods of disposal** 

: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

European waste catalogue (EWC)

: 080112

**Packaging** 

**Methods of disposal** 

: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** 

: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

|                                 | ADR/RID   | ADN   | IMDG  | IATA  |
|---------------------------------|---|---|---|---|
| 14.1 UN number                  | UN3082  | UN3082  | UN3082  | UN3082  |
| 14.2 UN proper shipping name    | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S.<br>(PAINT) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PAINT) | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S.<br>(PAINT) | ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE,<br>LIQUID, N.O.S.<br>(PAINT) |
| 14.3 Transport hazard class(es) | 9   | 9   | 9   | 9   |

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#### **SECTION 14: Transport information** Ш 14.4 Packing Ш Ш group 14.5 Yes. Yes. Yes. Yes. **Environmental** hazards

## **Additional information**

ADR/RID : This product is not regulated as a dangerous good when transported in sizes of ≤5 L

or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2

and 4.1.1.4 to 4.1.1.8. Tunnel code (-)

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L **ADN** 

or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2

and 4.1.1.4 to 4.1.1.8.

: This product is not regulated as a dangerous good when transported in sizes of ≤5 L **IMDG** 

or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2

**IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L

or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1,

5.0.2.6.1.1 and 5.0.2.8.

user

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

: Not relevant/applicable due to nature of the product.

## **SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture **UK (GB)/REACH**

## **Annex XIV - List of substances subject to authorisation**

#### **Annex XIV**

None of the components are listed.

## Substances of very high concern

None of the components are listed.

#### Ozone depleting substances

Not listed.

## **Prior Informed Consent (PIC)**

Not listed.

#### **Persistent Organic Pollutants**

Not listed.

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

| Product/ingredient name                                  | %         | Designation [Usage]      |
|--|-----------|--------------------------|
| PRYWOOD WOODSTAIN VV SG BASE T 2-(2-butoxyethoxy)ethanol | ≥90<br>≤3 | 3<br>55 [Consumer paint] |
| Z (Z batokyotrioky)otriarior                             | -0        | oo [concamer paint]      |

Labelling : Not applicable.

#### **Seveso Directive**

This product is controlled under the Seveso Directive.

#### **Danger criteria**

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## **SECTION 15: Regulatory information**

**Category** 

E2

## **EU regulations**

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

**Industrial emissions** : Not listed

(integrated pollution prevention and control) -

Water

#### **International regulations**

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

## **Montreal Protocol**

Not listed.

## **Stockholm Convention on Persistent Organic Pollutants**

Not listed.

## **Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

## **UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

## 15.2 Chemical safety assessment

: This product contains substances for which Chemical Safety Assessments are still required.

## **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

Abbreviations and

: ATE = Acute Toxicity Estimate

GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and acronyms

Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019

No. 720 and amendments

DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level

EUH statement = GB CLP-specific Hazard statement

N/A = Not available

PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number

SGG = Segregation Group

vPvB = Very Persistent and Very Bioaccumulative

## Procedure used to derive the classification

| Classification                           | Justification                         |
|--|---------------------------------------|
| Skin Irrit. 2, H315                      | Calculation method                    |
| Eye Irrit. 2, H319<br>Skin Sens. 1, H317 | Calculation method Calculation method |
| Aquatic Chronic 2, H411                  | Calculation method                    |

#### **Full text of abbreviated H statements**

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## **SECTION 16: Other information**

| H302   | Harmful if swallowed.   |
|--------|---|
| 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.   |
| H332   | Harmful if inhaled.   |
| H335   | May cause respiratory irritation.                               |
| H341   | Suspected of causing genetic defects.                           |
| H360   | May damage fertility or the unborn child.                       |
| H370   | Causes damage to organs.  |
| 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.           |
| H411   | Toxic to aquatic life with long lasting effects.                |
| EUH071 | Corrosive to the respiratory tract.                             |

## **Full text of classifications**

| Acute Tox. 2      | ACUTE TOXICITY - Category 2                                     |
|-------------------|---|
| Acute Tox. 3      | ACUTE TOXICITY - Category 3                                     |
| Acute Tox. 4      | ACUTE TOXICITY - Category 4                                     |
| Aquatic Acute 1   | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1                  |
| Aquatic Chronic 1 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1                 |
| Aquatic Chronic 2 | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2                 |
| Eye Dam. 1        | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1                  |
| Eye Irrit. 2      | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2                  |
| Muta. 2           | GERM CELL MUTAGENICITY - Category 2                             |
| Repr. 1B          | REPRODUCTIVE TOXICITY - Category 1B                             |
| Skin Corr. 1      | SKIN CORROSION/IRRITATION - Category 1                          |
| Skin Corr. 1B     | SKIN CORROSION/IRRITATION - Category 1B                         |
| Skin Corr. 1C     | SKIN CORROSION/IRRITATION - Category 1C                         |
| Skin Irrit. 2     | SKIN CORROSION/IRRITATION - Category 2                          |
| Skin Sens. 1      | SKIN SENSITISATION - Category 1                                 |
| Skin Sens. 1A     | SKIN SENSITISATION - Category 1A                                |
| STOT RE 1         | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 1 |
| STOT SE 1         | SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 1   |
| STOT SE 3         | SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE - Category 3   |

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**Version** 

## **Notice to reader**

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

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