

**1SBWS-IN-W40**  
**Balance**



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

- 1.1 Product identifier:** Balance
- Other means of identification:**
- UFI:** FP20-W0E0-N00E-AMNH
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- Relevant uses: Decorative wood protection agent
- Uses advised against: All uses not specified in this subsection or in subsection 7.3
- 1.3 Details of the supplier of the safety data sheet:**
- Eskaro AS  
Fosforiidi 20  
74114 Maardu - Estonia  
Phone: +372 621 7969 - Fax: +372 621 7968  
productsafety.ee@eskaro.com  
www.eskaro.com
- 1.4 Emergency telephone number:** European emergency number - 112

**SECTION 2: HAZARDS IDENTIFICATION \*\***

- 2.1 Classification of the substance or mixture:**
- CLP Regulation (EC) No 1272/2008:**
- Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
- Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
- Asp. Tox. 1: Aspiration hazard, Category 1, H304
- Eye Irrit. 2: Eye irritation, Category 2, H319
- 2.2 Label elements:**
- CLP Regulation (EC) No 1272/2008:**
- Danger**
- 
- Hazard statements:**
- Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
- Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
- Eye Irrit. 2: H319 - Causes serious eye irritation.
- Precautionary statements:**
- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P264: Wash thoroughly after handling.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/face protection/protective clothing/protective footwear.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501: Dispose of contents/container according to the separated collection system used in your municipality.
- Supplementary information:**
- EUH066: Repeated exposure may cause skin dryness or cracking.
- EUH208: Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one, Octabenzene. May produce an allergic reaction.
- Substances that contribute to the classification**
- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
- UFI:** FP20-W0E0-N00E-AMNH

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 2: HAZARDS IDENTIFICATION \*\* (continued)**

**2.3 Other hazards:**

Product fails to meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product fails to meet the criteria.

\*\* Changes with regards to the previous version

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\***

**3.1 Substance:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Mixture composed of chemical products

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification                                                                                | Chemical name/Classification                                                                                                                                                                                                                              | Concentration |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CAS: Non-applicable<br>EC: 918-481-9<br>Index: Non-applicable<br>REACH: 01-2119457273-39-XXXX | <b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Asp. Tox. 1: H304; EUH066 - Danger                                                                                   | <85 %         |
| CAS: 577-11-7<br>EC: 209-406-4<br>Index: Non-applicable<br>REACH: 01-2119491296-29-XXXX       | <b>Docusate sodium<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger                                                                                                                               | <1.5 %        |
| CAS: 68919-76-6<br>EC: 272-902-4<br>Index: Non-applicable<br>REACH: 01-2119979563-23-XXXX     | <b>Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT RE 2: H373 - Danger | <1 %          |
| CAS: 1843-05-6<br>EC: 217-421-2<br>Index: Non-applicable<br>REACH: 01-2119557833-30-XXXX      | <b>Octabenzene<sup>(1)</sup></b> Self-classified<br>Regulation 1272/2008 Skin Sens. 1B: H317 - Warning                                                                                                                                                    | <1 %          |
| CAS: 100-41-4<br>EC: 202-849-4<br>Index: 601-023-00-4<br>REACH: 01-2119489370-35-XXXX         | <b>Ethylbenzene<sup>(2)</sup></b> ATP ATP06<br>Regulation 1272/2008 Acute Tox. 4: H332; Asp. Tox. 1: H304; Flam. Liq. 2: H225; STOT RE 2: H373 - Danger                                                                                                   | <0.5 %        |
| CAS: 107534-96-3<br>EC: 403-640-2<br>Index: 603-197-00-7<br>REACH: 01-0000015329-67-XXXX      | <b>Tebuconazole (ISO)<sup>(1)</sup></b> ATP ATP07<br>Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Repr. 2: H361d - Warning                                                                                    | <0.3 %        |
| CAS: 1330-20-7<br>EC: 215-535-7<br>Index: 601-022-00-9<br>REACH: 01-2119488216-32-XXXX        | <b>Xylene<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H312+H332; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger           | <0.2 %        |
| CAS: 104-76-7<br>EC: 203-234-3<br>Index: Non-applicable<br>REACH: 01-2119487289-20-XXXX       | <b>2-ethylhexanol<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning                                                                                        | <0.2 %        |
| CAS: 108-65-6<br>EC: 203-603-9<br>Index: 607-195-00-7<br>REACH: 01-2119475791-29-XXXX         | <b>2-methoxy-1-methylethyl acetate<sup>(2)</sup></b> ATP ATP01<br>Regulation 1272/2008 Flam. Liq. 3: H226 - Warning                                                                                                                                       | <0.1 %        |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS \*\* (continued)**

| Identification                                                                   | Chemical name/Classification                                                                                                                                                                                                                                       | Concentration       |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| CAS: 64359-81-5<br>EC: 264-843-8<br>Index: 613-335-00-8<br>REACH: Non-applicable | <b>4,5-dichloro-2-octyl-2H-isothiazol-3-one<sup>(1)</sup></b> ATP ATP15<br>Regulation 1272/2008 Acute Tox. 2: H330; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1: H314; Skin Sens. 1A: H317; EUH071 - Danger | <b>&lt;0.0015 %</b> |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

<sup>(2)</sup> Substance with a Union workplace exposure limit

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification                                                               | M-factor    |
|------------------------------------------------------------------------------|-------------|
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol | Acute 10    |
| CAS: 68919-76-6 EC: 272-902-4                                                | Chronic 1   |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one                                     | Acute 100   |
| CAS: 64359-81-5 EC: 264-843-8                                                | Chronic 100 |

  

| Identification                                                               | Specific concentration limit                                                                                                           |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one<br>CAS: 64359-81-5<br>EC: 264-843-8 | % (w/w) $\geq$ 0.025: Skin Irrit. 2 - H315<br>% (w/w) $\geq$ 0.025: Eye Irrit. 2 - H319<br>% (w/w) $\geq$ 0.0015: Skin Sens. 1A - H317 |

\*\* Changes with regards to the previous version

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Non-applicable

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

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## SECTION 5: FIREFIGHTING MEASURES (continued)

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

### Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

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

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

### 5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

### Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

#### For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

### 6.2 Environmental precautions:

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

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

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

- CONTINUED ON NEXT PAGE -

**1SBWS-IN-W40**  
**Balance**



**SECTION 7: HANDLING AND STORAGE (continued)**

**D.- Technical recommendations to prevent environmental risks**

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

**7.2 Conditions for safe storage, including any incompatibilities:**

**A.- Technical measures for storage**

Maximum Temp.: <30 °C

**B.- General conditions for storage**

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

**7.3 Specific end use(s):**

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION\*\***

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

| Identification                                                 |  | Occupational exposure limits |         |                       |
|----------------------------------------------------------------|--|------------------------------|---------|-----------------------|
| Ethylbenzene<br>CAS: 100-41-4 EC: 202-849-4                    |  | IOELV (8h)                   | 100 ppm | 442 mg/m <sup>3</sup> |
|                                                                |  | IOELV (STEL)                 | 200 ppm | 884 mg/m <sup>3</sup> |
| Xylene<br>CAS: 1330-20-7 EC: 215-535-7                         |  | IOELV (8h)                   | 50 ppm  | 221 mg/m <sup>3</sup> |
|                                                                |  | IOELV (STEL)                 | 100 ppm | 442 mg/m <sup>3</sup> |
| 2-ethylhexanol<br>CAS: 104-76-7 EC: 203-234-3                  |  | IOELV (8h)                   | 1 ppm   | 5,4 mg/m <sup>3</sup> |
|                                                                |  | IOELV (STEL)                 |         |                       |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6 EC: 203-603-9 |  | IOELV (8h)                   | 50 ppm  | 275 mg/m <sup>3</sup> |
|                                                                |  | IOELV (STEL)                 | 100 ppm | 550 mg/m <sup>3</sup> |

**DNEL (Workers):**

| Identification                                                                                                   |            | Short exposure        |                        | Long exposure            |                        |
|------------------------------------------------------------------------------------------------------------------|------------|-----------------------|------------------------|--------------------------|------------------------|
|                                                                                                                  |            | Systemic              | Local                  | Systemic                 | Local                  |
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                                                                | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 267,86 mg/kg             | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 1889,1 mg/m <sup>3</sup> | Non-applicable         |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<br>CAS: 68919-76-6<br>EC: 272-902-4 | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 0,15 mg/kg               | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 0,529 mg/m <sup>3</sup>  | Non-applicable         |
| Octabenzene<br>CAS: 1843-05-6<br>EC: 217-421-2                                                                   | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 1,88 mg/kg               | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 6,61 mg/m <sup>3</sup>   | Non-applicable         |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                                                                   | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 180 mg/kg                | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | 293 mg/m <sup>3</sup>  | 77 mg/m <sup>3</sup>     | Non-applicable         |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                                                                        | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 212 mg/kg                | Non-applicable         |
|                                                                                                                  | Inhalation | 442 mg/m <sup>3</sup> | 442 mg/m <sup>3</sup>  | 221 mg/m <sup>3</sup>    | 221 mg/m <sup>3</sup>  |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                                                                 | Oral       | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 23 mg/kg                 | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | 53,2 mg/m <sup>3</sup> | 12,8 mg/m <sup>3</sup>   | 53,2 mg/m <sup>3</sup> |

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION\*\* (continued)**

| Identification                                                    |            | Short exposure |                       | Long exposure         |                |
|-------------------------------------------------------------------|------------|----------------|-----------------------|-----------------------|----------------|
|                                                                   |            | Systemic       | Local                 | Systemic              | Local          |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9 | Oral       | Non-applicable | Non-applicable        | Non-applicable        | Non-applicable |
|                                                                   | Dermal     | Non-applicable | Non-applicable        | 796 mg/kg             | Non-applicable |
|                                                                   | Inhalation | Non-applicable | 550 mg/m <sup>3</sup> | 275 mg/m <sup>3</sup> | Non-applicable |

**DNEL (General population):**

| Identification                                                                                                   |            | Short exposure        |                        | Long exposure            |                        |
|------------------------------------------------------------------------------------------------------------------|------------|-----------------------|------------------------|--------------------------|------------------------|
|                                                                                                                  |            | Systemic              | Local                  | Systemic                 | Local                  |
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                                                                | Oral       | Non-applicable        | Non-applicable         | 17,86 mg/kg              | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 160,71 mg/kg             | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 559,01 mg/m <sup>3</sup> | Non-applicable         |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<br>CAS: 68919-76-6<br>EC: 272-902-4 | Oral       | Non-applicable        | Non-applicable         | 0,075 mg/kg              | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 0,075 mg/kg              | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 0,13 mg/m <sup>3</sup>   | Non-applicable         |
| Octabenzene<br>CAS: 1843-05-6<br>EC: 217-421-2                                                                   | Oral       | Non-applicable        | Non-applicable         | 0,94 mg/kg               | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 0,94 mg/kg               | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 1,63 mg/m <sup>3</sup>   | Non-applicable         |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                                                                   | Oral       | Non-applicable        | Non-applicable         | 1,6 mg/kg                | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | Non-applicable           | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 15 mg/m <sup>3</sup>     | Non-applicable         |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                                                                        | Oral       | Non-applicable        | Non-applicable         | 12,5 mg/kg               | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 125 mg/kg                | Non-applicable         |
|                                                                                                                  | Inhalation | 260 mg/m <sup>3</sup> | 260 mg/m <sup>3</sup>  | 65,3 mg/m <sup>3</sup>   | 65,3 mg/m <sup>3</sup> |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                                                                 | Oral       | Non-applicable        | Non-applicable         | 1,1 mg/kg                | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 11,4 mg/kg               | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | 26,6 mg/m <sup>3</sup> | 2,3 mg/m <sup>3</sup>    | 26,6 mg/m <sup>3</sup> |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                                                | Oral       | Non-applicable        | Non-applicable         | 36 mg/kg                 | Non-applicable         |
|                                                                                                                  | Dermal     | Non-applicable        | Non-applicable         | 320 mg/kg                | Non-applicable         |
|                                                                                                                  | Inhalation | Non-applicable        | Non-applicable         | 33 mg/m <sup>3</sup>     | 33 mg/m <sup>3</sup>   |

**PNEC:**

| Identification                                                                                                   |              |                |                         |              |  |
|------------------------------------------------------------------------------------------------------------------|--------------|----------------|-------------------------|--------------|--|
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                                                                | STP          | 12,2 mg/L      | Fresh water             | 0,18 mg/L    |  |
|                                                                                                                  | Soil         | 1,04 mg/kg     | Marine water            | 0,018 mg/L   |  |
|                                                                                                                  | Intermittent | 0,152 mg/L     | Sediment (Fresh water)  | 17,789 mg/kg |  |
|                                                                                                                  | Oral         | Non-applicable | Sediment (Marine water) | 1,779 mg/kg  |  |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<br>CAS: 68919-76-6<br>EC: 272-902-4 | STP          | 2,67 mg/L      | Fresh water             | 0,0001 mg/L  |  |
|                                                                                                                  | Soil         | 3,7 mg/kg      | Marine water            | 0,00001 mg/L |  |
|                                                                                                                  | Intermittent | 0,001 mg/L     | Sediment (Fresh water)  | 0,376 mg/kg  |  |
|                                                                                                                  | Oral         | Non-applicable | Sediment (Marine water) | 0,038 mg/kg  |  |
| Octabenzene<br>CAS: 1843-05-6<br>EC: 217-421-2                                                                   | STP          | 1 mg/L         | Fresh water             | 0,052 mg/L   |  |
|                                                                                                                  | Soil         | 66,8 mg/kg     | Marine water            | 0,005 mg/L   |  |
|                                                                                                                  | Intermittent | 0,52 mg/L      | Sediment (Fresh water)  | 100 mg/kg    |  |
|                                                                                                                  | Oral         | Non-applicable | Sediment (Marine water) | 10 mg/kg     |  |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                                                                   | STP          | 9,6 mg/L       | Fresh water             | 0,1 mg/L     |  |
|                                                                                                                  | Soil         | 2,68 mg/kg     | Marine water            | 0,01 mg/L    |  |
|                                                                                                                  | Intermittent | 0,1 mg/L       | Sediment (Fresh water)  | 13,7 mg/kg   |  |
|                                                                                                                  | Oral         | 0,02 g/kg      | Sediment (Marine water) | 1,37 mg/kg   |  |

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION\*\* (continued)**

| Identification                                                    |              |                |                         |             |
|-------------------------------------------------------------------|--------------|----------------|-------------------------|-------------|
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                         | STP          | 6,58 mg/L      | Fresh water             | 0,327 mg/L  |
|                                                                   | Soil         | 2,31 mg/kg     | Marine water            | 0,327 mg/L  |
|                                                                   | Intermittent | 0,327 mg/L     | Sediment (Fresh water)  | 12,46 mg/kg |
|                                                                   | Oral         | Non-applicable | Sediment (Marine water) | 12,46 mg/kg |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                  | STP          | 10 mg/L        | Fresh water             | 0,017 mg/L  |
|                                                                   | Soil         | 0,047 mg/kg    | Marine water            | 0,002 mg/L  |
|                                                                   | Intermittent | 0,17 mg/L      | Sediment (Fresh water)  | 0,284 mg/kg |
|                                                                   | Oral         | 0,055 g/kg     | Sediment (Marine water) | 0,028 mg/kg |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9 | STP          | 100 mg/L       | Fresh water             | 0,635 mg/L  |
|                                                                   | Soil         | 0,29 mg/kg     | Marine water            | 0,064 mg/L  |
|                                                                   | Intermittent | 6,35 mg/L      | Sediment (Fresh water)  | 3,29 mg/kg  |
|                                                                   | Oral         | Non-applicable | Sediment (Marine water) | 0,329 mg/kg |

**8.2 Exposure controls:**

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

| Pictogram                                                                                                        | PPE                                       | Labelling                                                                                      | CEN Standard                                                              | Remarks                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Mandatory hand protection | NON-disposable chemical protective gloves | <br>CAT III | EN ISO 374-1:2016+A1:2018<br>EN 16523-1:2015+A1:2018<br>EN ISO 21420:2020 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram                                                                                                        | PPE         | Labelling                                                                                     | CEN Standard                                                  | Remarks                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <br>Mandatory face protection | Face shield | <br>CAT II | EN 166:2002<br>EN 167:2002<br>EN 168:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram                                                                                                                 | PPE                                                       | Labelling                                                                                      | CEN Standard                                                                                                               | Remarks                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <br>Mandatory complete body protection | Disposable clothing for protection against chemical risks | <br>CAT III | EN 13034:2005+A1:2009<br>EN 168:2002<br>EN ISO 13982-1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| <br>Mandatory foot protection          | Safety footwear for protection against chemical risk      | <br>CAT III | EN ISO 20345:2011<br>EN 13832-1:2019                                                                                       | Replace boots at any sign of deterioration.                                                 |

F.- Additional emergency measures

- CONTINUED ON NEXT PAGE -

**1SBWS-IN-W40**  
**Balance**



**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION\*\* (continued)**

| Emergency measure                                                                                     | Standards                                       | Emergency measure                                                                                      | Standards                                      |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                                     |
|---------------------------|-------------------------------------|
| V.O.C. (Supply):          | 69,53 % weight                      |
| V.O.C. density at 20 °C:  | 577,1 kg/m <sup>3</sup> (577,1 g/L) |
| Average carbon number:    | 8,96                                |
| Average molecular weight: | 129,41 g/mol                        |

With regard to Directive 2004/42/EC, this product which is ready to use has the following characteristics:

|                                      |                |
|--------------------------------------|----------------|
| V.O.C. density at 20 °C:             | < 700 g/L      |
| EU limit for the product (Cat. A.F): | 700 g/L (2010) |
| Components:                          | Non-applicable |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

|                          |                  |
|--------------------------|------------------|
| Physical state at 20 °C: | Liquid           |
| Appearance:              | Characteristic   |
| Colour:                  | Colourless       |
| Odour:                   | Characteristic   |
| Odour threshold:         | Non-applicable * |

**Volatility:**

|                                        |                  |
|----------------------------------------|------------------|
| Boiling point at atmospheric pressure: | 175 - 225 °C     |
| Vapour pressure at 20 °C:              | Non-applicable * |
| Vapour pressure at 50 °C:              | Non-applicable * |
| Evaporation rate at 20 °C:             | Non-applicable * |

**Product description:**

|                                              |                             |
|----------------------------------------------|-----------------------------|
| Density at 20 °C:                            | 820 - 840 kg/m <sup>3</sup> |
| Relative density at 20 °C:                   | Non-applicable *            |
| Dynamic viscosity at 20 °C:                  | Non-applicable *            |
| Kinematic viscosity at 20 °C:                | Non-applicable *            |
| Kinematic viscosity at 40 °C:                | <20,5 mm <sup>2</sup> /s    |
| Concentration:                               | Non-applicable *            |
| pH:                                          | Non-applicable *            |
| Vapour density at 20 °C:                     | Non-applicable *            |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *            |
| Solubility in water at 20 °C:                | Non-applicable *            |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                               |                  |
|-------------------------------|------------------|
| Solubility properties:        | Non-applicable * |
| Decomposition temperature:    | Non-applicable * |
| Melting point/freezing point: | Non-applicable * |

**Flammability:**

|                            |                  |
|----------------------------|------------------|
| Flash Point:               | 61 °C            |
| Flammability (solid, gas): | Non-applicable * |
| Autoignition temperature:  | 200 °C           |
| Lower flammability limit:  | Non-applicable * |
| Upper flammability limit:  | Non-applicable * |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Non-applicable |
|-----------------------------|----------------|

### 9.2 Other information:

**Information with regard to physical hazard classes:**

|                                                              |                  |
|--------------------------------------------------------------|------------------|
| Explosive properties:                                        | Non-applicable * |
| Oxidising properties:                                        | Non-applicable * |
| Corrosive to metals:                                         | Non-applicable * |
| Heat of combustion:                                          | Non-applicable * |
| Aerosols-total percentage (by mass) of flammable components: | Non-applicable * |

**Other safety characteristics:**

|                           |                  |
|---------------------------|------------------|
| Surface tension at 20 °C: | Non-applicable * |
| Refraction index:         | Non-applicable * |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION \*\*

*\*\* Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -

**SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

**A- Ingestion (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**B- Inhalation (acute effect):**

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Xylene (3); Ethylbenzene (2B); ethanol (1); propan-2-ol (3); Naphtha (petroleum), hydrotreated heavy, < 0.1 % EC 200-753-7 (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Repeated exposure may cause skin dryness or cracking

**H- Aspiration hazard:**

The consumption of a considerable dose can cause pulmonary damage.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

**1SBWS-IN-W40**  
**Balance**



**SECTION 11: TOXICOLOGICAL INFORMATION \*\* (continued)**

| Identification                                                                                                   | Acute toxicity  |                 | Genus  |
|------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------|
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                                                                | LD50 oral       | 4620 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | 10000 mg/kg     | Rabbit |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<br>CAS: 68919-76-6<br>EC: 272-902-4 | LD50 oral       | 2500 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | Non-applicable  |        |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| Octabenzene<br>CAS: 1843-05-6<br>EC: 217-421-2                                                                   | LD50 oral       | 10000 mg/kg     | Rat    |
|                                                                                                                  | LD50 dermal     | Non-applicable  |        |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                                                                   | LD50 oral       | 3500 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | 15354 mg/kg     | Rabbit |
|                                                                                                                  | LC50 inhalation | 17,2 mg/L (4 h) | Rat    |
| Tebuconazole (ISO)<br>CAS: 107534-96-3<br>EC: 403-640-2                                                          | LD50 oral       | 500 mg/kg       | Rat    |
|                                                                                                                  | LD50 dermal     | Non-applicable  |        |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                                                                        | LD50 oral       | 2100 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | 1100 mg/kg      | Rat    |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                                                                 | LD50 oral       | 3000 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | 2100 mg/kg      | Rabbit |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9                                                | LD50 oral       | 8532 mg/kg      | Rat    |
|                                                                                                                  | LD50 dermal     | 5100 mg/kg      | Rat    |
|                                                                                                                  | LC50 inhalation | 30 mg/L (4 h)   | Rat    |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one<br>CAS: 64359-81-5<br>EC: 264-843-8                                     | LD50 oral       | 567 mg/kg       |        |
|                                                                                                                  | LD50 dermal     | Non-applicable  |        |
|                                                                                                                  | LC50 inhalation | Non-applicable  |        |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product fails to meet the criteria.

**Other information**

Non-applicable

*\*\* Changes with regards to the previous version*

**SECTION 12: ECOLOGICAL INFORMATION \*\***

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

**Acute toxicity:**

| Identification                                                                                                   | Concentration |                 | Species                         | Genus      |
|------------------------------------------------------------------------------------------------------------------|---------------|-----------------|---------------------------------|------------|
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                                                                | LC50          | 28 mg/L (96 h)  | Oncorhynchus mykiss             | Fish       |
|                                                                                                                  | EC50          | 36 mg/L (48 h)  | Daphnia magna                   | Crustacean |
|                                                                                                                  | EC50          | Non-applicable  |                                 |            |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol<br>CAS: 68919-76-6<br>EC: 272-902-4 | LC50          | 0,3 mg/L (96 h) | Danio rerio                     | Fish       |
|                                                                                                                  | EC50          | Non-applicable  |                                 |            |
|                                                                                                                  | EC50          | 0,1 mg/L (72 h) | Pseudokirchneriella subcapitata | Algae      |

*\*\* Changes with regards to the previous version*

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)**

| Identification                           | Concentration              | Species                   | Genus      |
|------------------------------------------|----------------------------|---------------------------|------------|
| Ethylbenzene                             | LC50 42,3 mg/L (96 h)      | Pimephales promelas       | Fish       |
| CAS: 100-41-4                            | EC50 75 mg/L (48 h)        | Daphnia magna             | Crustacean |
| EC: 202-849-4                            | EC50 63 mg/L (3 h)         | Chlorella vulgaris        | Algae      |
| Tebuconazole (ISO)                       | LC50 4,4 mg/L (96 h)       | Oncorhynchus mykiss       | Fish       |
| CAS: 107534-96-3                         | EC50 2,79 mg/L (48 h)      | Daphnia magna             | Crustacean |
| EC: 403-640-2                            | EC50 Non-applicable        |                           |            |
| Xylene                                   | LC50 >10 - 100 mg/L (96 h) |                           | Fish       |
| CAS: 1330-20-7                           | EC50 >10 - 100 mg/L (48 h) |                           | Crustacean |
| EC: 215-535-7                            | EC50 >10 - 100 mg/L (72 h) |                           | Algae      |
| 2-ethylhexanol                           | LC50 28 mg/L (96 h)        | Pimephales promelas       | Fish       |
| CAS: 104-76-7                            | EC50 39 mg/L (48 h)        | Daphnia magna             | Crustacean |
| EC: 203-234-3                            | EC50 11,5 mg/L (72 h)      | Scenedesmus subspicatus   | Algae      |
| 2-methoxy-1-methylethyl acetate          | LC50 161 mg/L (96 h)       | Pimephales promelas       | Fish       |
| CAS: 108-65-6                            | EC50 481 mg/L (48 h)       | Daphnia sp.               | Crustacean |
| EC: 203-603-9                            | EC50 Non-applicable        |                           |            |
| 4,5-dichloro-2-octyl-2H-isothiazol-3-one | LC50 0,0027 mg/L (96 h)    | Oncorhynchus mykiss       | Fish       |
| CAS: 64359-81-5                          | EC50 0,0047 mg/L (96 h)    | Mysidopsis bahia          | Crustacean |
| EC: 264-843-8                            | EC50 0,032 mg/L (120 h)    | Selenastrum capricornutum | Algae      |

**Chronic toxicity:**

| Identification                                                               | Concentration       | Species             | Genus      |
|------------------------------------------------------------------------------|---------------------|---------------------|------------|
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol | NOEC Non-applicable |                     |            |
| CAS: 68919-76-6 EC: 272-902-4                                                | NOEC 0,13 mg/L      | Daphnia magna       | Crustacean |
| Ethylbenzene                                                                 | NOEC Non-applicable |                     |            |
| CAS: 100-41-4 EC: 202-849-4                                                  | NOEC 0,96 mg/L      | Ceriodaphnia dubia  | Crustacean |
| Xylene                                                                       | NOEC 1,3 mg/L       | Oncorhynchus mykiss | Fish       |
| CAS: 1330-20-7 EC: 215-535-7                                                 | NOEC 1,17 mg/L      | Ceriodaphnia dubia  | Crustacean |
| 2-methoxy-1-methylethyl acetate                                              | NOEC 47,5 mg/L      | Oryzias latipes     | Fish       |
| CAS: 108-65-6 EC: 203-603-9                                                  | NOEC 100 mg/L       | Daphnia magna       | Crustacean |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification                                                               | Degradability           | Biodegradability             |
|------------------------------------------------------------------------------|-------------------------|------------------------------|
| Docusate sodium                                                              | BOD5 Non-applicable     | Concentration 100 mg/L       |
| CAS: 577-11-7                                                                | COD Non-applicable      | Period 28 days               |
| EC: 209-406-4                                                                | BOD5/COD Non-applicable | % Biodegradable 91 %         |
| Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol | BOD5 Non-applicable     | Concentration 26.7 mg/L      |
| CAS: 68919-76-6                                                              | COD Non-applicable      | Period 28 days               |
| EC: 272-902-4                                                                | BOD5/COD Non-applicable | % Biodegradable 6 %          |
| Ethylbenzene                                                                 | BOD5 Non-applicable     | Concentration 100 mg/L       |
| CAS: 100-41-4                                                                | COD Non-applicable      | Period 14 days               |
| EC: 202-849-4                                                                | BOD5/COD Non-applicable | % Biodegradable 90 %         |
| Xylene                                                                       | BOD5 Non-applicable     | Concentration Non-applicable |
| CAS: 1330-20-7                                                               | COD Non-applicable      | Period 28 days               |
| EC: 215-535-7                                                                | BOD5/COD Non-applicable | % Biodegradable 88 %         |
| 2-methoxy-1-methylethyl acetate                                              | BOD5 Non-applicable     | Concentration 785 mg/L       |
| CAS: 108-65-6                                                                | COD Non-applicable      | Period 8 days                |
| EC: 203-603-9                                                                | BOD5/COD Non-applicable | % Biodegradable 100 %        |

**12.3 Bioaccumulative potential:**

**Substance-specific information:**

\*\* Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 12: ECOLOGICAL INFORMATION \*\* (continued)**

| Identification                                                    | Bioaccumulation potential |      |
|-------------------------------------------------------------------|---------------------------|------|
| Docusate sodium<br>CAS: 577-11-7<br>EC: 209-406-4                 | BCF                       | 1    |
|                                                                   | Pow Log                   |      |
|                                                                   | Potential                 | Low  |
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4                    | BCF                       | 1    |
|                                                                   | Pow Log                   | 3.15 |
|                                                                   | Potential                 | Low  |
| Tebuconazole (ISO)<br>CAS: 107534-96-3<br>EC: 403-640-2           | BCF                       | 140  |
|                                                                   | Pow Log                   | 3.5  |
|                                                                   | Potential                 | High |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7                         | BCF                       | 9    |
|                                                                   | Pow Log                   | 2.77 |
|                                                                   | Potential                 | Low  |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3                  | BCF                       | 13   |
|                                                                   | Pow Log                   | 2.73 |
|                                                                   | Potential                 | Low  |
| 2-methoxy-1-methylethyl acetate<br>CAS: 108-65-6<br>EC: 203-603-9 | BCF                       | 1    |
|                                                                   | Pow Log                   | 0.43 |
|                                                                   | Potential                 | Low  |

**12.4 Mobility in soil:**

| Identification                                          | Absorption/desorption |                      | Volatility |                                 |
|---------------------------------------------------------|-----------------------|----------------------|------------|---------------------------------|
| Ethylbenzene<br>CAS: 100-41-4<br>EC: 202-849-4          | Koc                   | 520                  | Henry      | 798,44 Pa·m <sup>3</sup> /mol   |
|                                                         | Conclusion            | Moderate             | Dry soil   | Yes                             |
|                                                         | Surface tension       | 2,859E-2 N/m (25 °C) | Moist soil | Yes                             |
| Tebuconazole (ISO)<br>CAS: 107534-96-3<br>EC: 403-640-2 | Koc                   | 1023                 | Henry      | 1,419E-5 Pa·m <sup>3</sup> /mol |
|                                                         | Conclusion            | Low                  | Dry soil   | No                              |
|                                                         | Surface tension       | Non-applicable       | Moist soil | No                              |
| Xylene<br>CAS: 1330-20-7<br>EC: 215-535-7               | Koc                   | 202                  | Henry      | 524,86 Pa·m <sup>3</sup> /mol   |
|                                                         | Conclusion            | Moderate             | Dry soil   | Yes                             |
|                                                         | Surface tension       | Non-applicable       | Moist soil | Yes                             |
| 2-ethylhexanol<br>CAS: 104-76-7<br>EC: 203-234-3        | Koc                   | Non-applicable       | Henry      | Non-applicable                  |
|                                                         | Conclusion            | Non-applicable       | Dry soil   | Non-applicable                  |
|                                                         | Surface tension       | 2,82E-2 N/m (25 °C)  | Moist soil | Non-applicable                  |

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product fails to meet the criteria.

**12.7 Other adverse effects:**

Not described

**\*\* Changes with regards to the previous version**

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

| Code      | Description                                                                       | Waste class (Regulation (EU) No 1357/2014) |
|-----------|-----------------------------------------------------------------------------------|--------------------------------------------|
| 08 01 11* | waste paint and varnish containing organic solvents or other hazardous substances | Dangerous                                  |

**Type of waste (Regulation (EU) No 1357/2014):**

HP14 Ecotoxic, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

**Waste management (disposal and evaluation):**

- CONTINUED ON NEXT PAGE -



**1SBWS-IN-W40**  
**Balance**

**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See subsection 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated for transport (ADR/RID,IMDG,IATA)

**SECTION 15: REGULATORY INFORMATION\*\***

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

Composition of the active ingredients (Regulation (EU) No 528/2012): Tebuconazole (ISO) (0.298%); 4,5-dichloro-2-octyl-2H-isothiazol-3-one (0.001%)

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Tebuconazole (ISO) (Product-type 7, 8, 10) ; 4,5-dichloro-2-octyl-2H-isothiazol-3-one (Product-type 7, 8, 9, 10, 11, 21)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

**Seveso III:**

Non-applicable

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION\*\***

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

- CONTINUED ON NEXT PAGE -

**1SBWS-IN-W40**  
**Balance****SECTION 16: OTHER INFORMATIONÄ\*\* (continued)**

SECTION 16, SECTION 16, SECTION 16, SECTION 16, SECTION 16, SECTION 16

**Texts of the legislative phrases mentioned in section 2:**

H412: Harmful to aquatic life with long lasting effects.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

Acute Tox. 2: H330 - Fatal if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Acute Tox. 4: H332 - Harmful if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Repr. 2: H361d - Suspected of damaging the unborn child.

Skin Corr. 1: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1A: H317 - May cause an allergic skin reaction.

Skin Sens. 1B: H317 - May cause an allergic skin reaction.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.

STOT SE 3: H335 - May cause respiratory irritation.

**Classification procedure:**

Aquatic Chronic 3: Calculation method

Asp. Tox. 1: Calculation method

Eye Irrit. 2: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**<http://echa.europa.eu><http://eur-lex.europa.eu>**Abbreviations and acronyms:**

- CONTINUED ON NEXT PAGE -

**1SBWS-IN-W40**  
**Balance**



**SECTION 16: OTHER INFORMATION\*\* (continued)**

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -