

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS Reference Number: SDS-27625-7  
Issue date: 6/27/2025 Version: 1.0

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

### 1.1. Product identifier

Product form : Mixture  
Trade name : Osmo-Blocker MPO030 WILKOPOX Component A (Base)  
Product group : Trade product

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

#### Relevant identified uses

Main use category : Industrial use, Professional use  
Use of the substance/mixture : Paint. For professional users/Industrial user only.

#### Uses advised against

Restrictions on use : All uses not specified in this section or in section 7.3

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

#### Supplier

Vilckens Boyaları San. Tic. Ltd.  
Postane Mahallesi Esentepe Caddesi  
Manastır Yolu No:21  
34940 Tuzla / İstanbul  
Türkiye  
T 0212 356 93 56, F 0212 356 95 00

### 1.4. Emergency telephone number

No additional information available

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Flammable liquids, Category 3                                     | H226 |
| Acute toxicity (inhal.), Category 4                               | H332 |
| Skin corrosion/irritation, Category 2                             | H315 |
| Serious eye damage/eye irritation, Category 2                     | H319 |
| Skin sensitisation, Category 1                                    | H317 |
| Carcinogenicity, Category 2                                       | H351 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. Harmful if inhaled. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects. Flammable liquid and vapour.

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ); Phenol, methylstyrenated; 4-methylpentan-2-one; formaldehyde



|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements (CLP)        | : H226 - Flammable liquid and vapour.<br>H315 - Causes skin irritation.<br>H317 - May cause an allergic skin reaction.<br>H319 - Causes serious eye irritation.<br>H332 - Harmful if inhaled.<br>H351 - Suspected of causing cancer.<br>H412 - Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Precautionary statements (CLP) | : P210 - Keep away from heat, hot surfaces, open flames, sparks. – No smoking.<br>P280 - Wear protective gloves, protective clothing/eye protection/face protection.<br>P302+P352 - IF ON SKIN: Wash with plenty of soap and water.<br>P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P308+P313 - IF exposed or concerned: Get medical advice.<br>P370+P378 - In case of fire: Use ABC-powder to extinguish.<br>P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| EUH-statements                 | : EUH205 - Contains epoxy constituents. May produce an allergic reaction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### 2.3. Other hazards

Contains vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture contains substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Comments : Miscellaneous products

| Name                                                       | Product identifier                                                     | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                     |
|------------------------------------------------------------|------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Xylene<br>(Note C)                                         | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9  | 10 – 25  | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.5 mg/l/4h)<br>Skin Irrit. 2, H315 |
| reaction product: bisphenol-A-(epichlorhydrin) (MW < 700 ) | CAS-No.: 25068-38-6<br>EC-No.: 500-033-5<br>EC Index-No.: 603-074-00-8 | 10 – 25  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411                                                                          |
| Phenol, methylstyrenated                                   | CAS-No.: 68512-30-1<br>EC-No.: 700-960-7                               | 2.5 – 10 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412                                                                                                |
| 2-methylpropan-1-ol                                        | CAS-No.: 78-83-1<br>EC-No.: 201-148-0<br>EC Index-No.: 603-108-00-1    | 2.5 – 10 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H336<br>STOT SE 3, H335                                                                 |



| Name                             | Product identifier                                                   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                                                                               |
|----------------------------------|----------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4-methylpentan-2-one             | CAS-No.: 108-10-1<br>EC-No.: 203-550-1<br>EC Index-No.: 606-004-00-4 | 1 – 2,5 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Inhalation:vapour), H332 (ATE=11 mg/l/4h)<br>Eye Irrit. 2, H319<br>Carc. 2, H351<br>STOT SE 3, H336<br>EUH066                                                                                                             |
| formaldehyde<br>(Note B)(Note D) | CAS-No.: 50-00-0<br>EC-No.: 200-001-8<br>EC Index-No.: 605-001-00-5  | < 1     | Acute Tox. 3 (Oral), H301 (ATE=100 mg/kg bodyweight)<br>Acute Tox. 3 (Dermal), H311 (ATE=300 mg/kg bodyweight)<br>Acute Tox. 3 (Inhalation:dust,mist), H331 (ATE=0.5 mg/l/4h)<br>Skin Corr. 1B, H314<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>Carc. 1B, H350 |

| Specific concentration limits:                             |                                                                        |                                                                                                                                                                                  |
|------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name                                                       | Product identifier                                                     | Specific concentration limits (%)                                                                                                                                                |
| reaction product: bisphenol-A-(epichlorhydrin) (MW < 700 ) | CAS-No.: 25068-38-6<br>EC-No.: 500-033-5<br>EC Index-No.: 603-074-00-8 | (5 ≤ C ≤ 100) Eye Irrit. 2; H319<br>(5 ≤ C ≤ 100) Skin Irrit. 2; H315                                                                                                            |
| formaldehyde                                               | CAS-No.: 50-00-0<br>EC-No.: 200-001-8<br>EC Index-No.: 605-001-00-5    | (0.2 ≤ C ≤ 100) Skin Sens. 1; H317<br>(5 ≤ C < 25) Skin Irrit. 2; H315<br>(5 ≤ C < 25) Eye Irrit. 2; H319<br>(5 ≤ C ≤ 100) STOT SE 3; H335<br>(25 ≤ C ≤ 100) Skin Corr. 1B; H314 |

- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Full text of H- and EUH-statements: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

- |                                       |                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : In all cases of doubt, or when symptoms persist, seek medical attention. IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.                                                                  |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.                                                     |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.       |



First-aid measures after ingestion : Never give anything by mouth to an unconscious person. Do not induce vomiting.  
Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : Harmful if inhaled.  
Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.  
Symptoms/effects after eye contact : Eye irritation.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).  
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

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

Fire hazard : Contact with combustible material may cause fire.  
Explosion hazard : Risk of explosion if heated under confinement.  
Hazardous decomposition products in case of fire : On heating or during combustion : Toxic fumes may be released.

### 5.3. Advice for firefighters

Precautionary measures fire : Keep away from combustible materials. Keep container closed when not in use.  
Approach from upwind.  
Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind. Do not enter fire area without proper protective equipment, including respiratory protection.  
Eliminate all ignition sources if safe to do so. Contain the extinguishing fluids by bunding.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  
Other information : Do not allow run-off from fire fighting to enter drains or water courses. Notify authorities if product enters sewers or public waters. High temperature decomposition products are harmful by inhalation. Inhalation of vapour can cause breathing difficulties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

General measures : Keep public away from danger area.

#### For non-emergency personnel

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Ventilate spillage area. Do not touch or walk on the spilled product. Notify fire brigade and environmental authorities. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

#### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  
Emergency procedures : Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Stop leak if safe to do so. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Do not touch or walk on the spilled product.



Methods for cleaning up

- : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Notify authorities if product enters sewers or public waters.
- : Dispose of materials or solid residues at an authorized site.

Other information

#### 6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Precautions for safe handling

- : Ensure good ventilation of the work station. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

Hygiene measures

- : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

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

Storage conditions

- : Keep only in the original container in a cool well ventilated place. Store locked up.

Incompatible products

- : Strong acids. Strong bases. Strong oxidizing agents.

Incompatible materials

- : Extremely high or low temperatures.

Maximum storage period

- : 6 months

Storage temperature

- : 5 – 30 °C

Heat and ignition sources

- : Keep away from heat and direct sunlight. Keep away from sources of ignition.

Information on mixed storage

- : Keep away from food, drink and animal feeding stuffs.

Storage area

- : Store, if possible, in a cool, well ventilated place away from incompatible materials.

#### Germany

Storage class (LGK, TRGS 510)

- : LGK 3 - Flammable liquids

Joint storage table

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for

- : LGK 1, LGK 2A, LGK 4.1A, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1C, LGK 5.2, LGK 6.1B, LGK 6.2, LGK 7

Joint storage with restrictions permitted for

- : LGK 5.1B, LGK 6.1D, LGK 11, LGK 10-13

Joint storage permitted for

- : LGK 2B, LGK 3, LGK 6.1A, LGK 6.1C, LGK 8A, LGK 8B, LGK 10, LGK 12, LGK 13

### 7.3. Specific end use(s)

See Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

National occupational exposure and biological limit values

#### Xylene (1330-20-7)

##### EU - Indicative Occupational Exposure Limit (IOEL)

|            |                                               |
|------------|-----------------------------------------------|
| Local name | Xylene, mixed isomers, pure                   |
| IOEL TWA   | 221 mg/m <sup>3</sup> (pure)<br>50 ppm (pure) |
| IOEL STEL  | 442 mg/m <sup>3</sup> (pure)                  |

#### Xylene (1330-20-7)

|                                                          |                                                                                                                                                                                                                                                       |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          | 100 ppm (pure)                                                                                                                                                                                                                                        |
| Remark                                                   | Possibility of significant uptake through the skin (pure)                                                                                                                                                                                             |
| Regulatory reference                                     | COMMISSION DIRECTIVE 2000/39/EC                                                                                                                                                                                                                       |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |                                                                                                                                                                                                                                                       |
| Local name                                               | Xylol (alle Isomere)                                                                                                                                                                                                                                  |
| AGW (OEL TWA)                                            | 220 mg/m <sup>3</sup> (all isomers)                                                                                                                                                                                                                   |
|                                                          | 50 ppm (all isomers)                                                                                                                                                                                                                                  |
| Peak exposure limitation factor                          | 2(II)                                                                                                                                                                                                                                                 |
| Remark                                                   | DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); EU - Europäische Union (Von der EU wurde ein Luftgrenzwert festgelegt: Abweichungen bei Wert und Spitzenbegrenzung sind möglich); H - hautresorptiv |
| Chemical category                                        | Skin notation all isomers                                                                                                                                                                                                                             |
| Regulatory reference                                     | TRGS900                                                                                                                                                                                                                                               |
| <b>Germany - Biological limit values (TRGS 903)</b>      |                                                                                                                                                                                                                                                       |
| Local name                                               | Xylol (alle Isomere)                                                                                                                                                                                                                                  |
| Biological limit value                                   | 2000 mg/l Parameter: Methylhippuric(tolur-)acid (all isomers) - Medium: urine - Sampling time: end of exposure or shift (all isomers)                                                                                                                 |
| Regulatory reference                                     | TRGS 903                                                                                                                                                                                                                                              |

#### 4-methylpentan-2-one (108-10-1)

##### EU - Indicative Occupational Exposure Limit (IOEL)

|                      |                                 |
|----------------------|---------------------------------|
| Local name           | 4-Methylpentan-2-one            |
| IOEL TWA             | 83 mg/m <sup>3</sup>            |
|                      | 20 ppm                          |
| IOEL STEL            | 208 mg/m <sup>3</sup>           |
|                      | 50 ppm                          |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |

#### formaldehyde (50-00-0)

##### EU - Binding Occupational Exposure Limit (BOEL)

|                                                          |                                                                                                            |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Local name                                               | Formaldehyde                                                                                               |
| BOEL TWA                                                 | 0.37 mg/m <sup>3</sup>                                                                                     |
|                                                          | 0.62 mg/m <sup>3</sup> (Limit value for the health care, funeral and embalming sectors until 11 July 2024) |
|                                                          | 0.3 ppm                                                                                                    |
|                                                          | 0.5 ppm (Limit value for the health care, funeral and embalming sectors until 11 July 2024)                |
| BOEL STEL                                                | 0.74 mg/m <sup>3</sup>                                                                                     |
|                                                          | 0.6 ppm                                                                                                    |
| Notes                                                    | Dermal sensitisation (The substance can cause sensitisation of the skin)                                   |
| Regulatory reference                                     | DIRECTIVE (EU) 2019/983 (amending Directive 2004/37/EC)                                                    |
| <b>Germany - Occupational Exposure Limits (TRGS 900)</b> |                                                                                                            |
| Local name                                               | Formaldehyd                                                                                                |



#### formaldehyde (50-00-0)

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AGW (OEL TWA)                   | 0.37 mg/m <sup>3</sup><br>0.3 ppm                                                                                                                                                                                                                                                                                                                                                                                            |
| Peak exposure limitation factor | 2(l)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Remark                          | AGS - Ausschuss für Gefahrstoffe; Sh - Hautsensibilisierender Stoff; Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden; X - Krebserzeugender Stoff der Kat. 1A oder 1B oder krebserzeugende Tätigkeit oder Verfahren nach § 2 Absatz 3 Nr. 4 der Gefahrstoffverordnung – es ist zusätzlich § 10 GefStoffV zu beachten |
| Regulatory reference            | TRGS900                                                                                                                                                                                                                                                                                                                                                                                                                      |

#### DNEL and PNEC

#### Xylene (1330-20-7)

##### DNEL/DMEL (Workers)

|                                          |                          |
|------------------------------------------|--------------------------|
| Acute - systemic effects, inhalation     | 442 mg/m <sup>3</sup>    |
| Acute - local effects, inhalation        | 442 mg/m <sup>3</sup>    |
| Long-term - systemic effects, dermal     | 212 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 221 mg/m <sup>3</sup>    |
| Long-term - local effects, inhalation    | 221 mg/m <sup>3</sup>    |

##### DNEL/DMEL (General population)

|                                          |                           |
|------------------------------------------|---------------------------|
| Acute - systemic effects, inhalation     | 260 mg/m <sup>3</sup>     |
| Acute - local effects, inhalation        | 260 mg/m <sup>3</sup>     |
| Long-term - systemic effects, oral       | 12.5 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 65.3 mg/m <sup>3</sup>    |
| Long-term - systemic effects, dermal     | 125 mg/kg bodyweight/day  |
| Long-term - local effects, inhalation    | 65.3 mg/m <sup>3</sup>    |

##### PNEC (Water)

|                                      |            |
|--------------------------------------|------------|
| PNEC aqua (freshwater)               | 0.327 mg/l |
| PNEC aqua (marine water)             | 0.327 mg/l |
| PNEC aqua (intermittent, freshwater) | 0.327 mg/l |

##### PNEC (Sediment)

|                              |                 |
|------------------------------|-----------------|
| PNEC sediment (freshwater)   | 12.46 mg/kg dwt |
| PNEC sediment (marine water) | 12.46 mg/kg dwt |

##### PNEC (Soil)

|           |                |
|-----------|----------------|
| PNEC soil | 2.31 mg/kg dwt |
|-----------|----------------|

##### PNEC (STP)

|                             |           |
|-----------------------------|-----------|
| PNEC sewage treatment plant | 6.58 mg/l |
|-----------------------------|-----------|

#### Phenol, methylstyrenated (68512-30-1)

##### DNEL/DMEL (Workers)

|                                          |                          |
|------------------------------------------|--------------------------|
| Long-term - systemic effects, dermal     | 3.5 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 1.41 mg/m <sup>3</sup>   |

##### DNEL/DMEL (General population)

|                                    |                          |
|------------------------------------|--------------------------|
| Long-term - systemic effects, oral | 0.2 mg/kg bodyweight/day |
|------------------------------------|--------------------------|



#### Phenol, methylstyrenated (68512-30-1)

|                                          |                           |
|------------------------------------------|---------------------------|
| Long-term - systemic effects, inhalation | 0.348 mg/m <sup>3</sup>   |
| Long-term - systemic effects, dermal     | 1.67 mg/kg bodyweight/day |
| <b>PNEC (Water)</b>                      |                           |
| PNEC aqua (freshwater)                   | 14 µg/l                   |
| PNEC aqua (marine water)                 | 1.4 µg/l                  |
| PNEC aqua (intermittent, freshwater)     | 140 µg/l                  |
| <b>PNEC (Sediment)</b>                   |                           |
| PNEC sediment (freshwater)               | 1064 mg/kg dwt            |
| PNEC sediment (marine water)             | 106.4 mg/kg dwt           |
| <b>PNEC (Soil)</b>                       |                           |
| PNEC soil                                | 212.2 mg/kg dwt           |
| <b>PNEC (Oral)</b>                       |                           |
| PNEC oral (secondary poisoning)          | 8.89 mg/kg food           |
| <b>PNEC (STP)</b>                        |                           |
| PNEC sewage treatment plant              | 2.4 mg/l                  |

#### 2-methylpropan-1-ol (78-83-1)

|                                       |                       |
|---------------------------------------|-----------------------|
| <b>DNEL/DMEL (Workers)</b>            |                       |
| Long-term - local effects, inhalation | 310 mg/m <sup>3</sup> |
| <b>DNEL/DMEL (General population)</b> |                       |
| Long-term - local effects, inhalation | 55 mg/m <sup>3</sup>  |
| <b>PNEC (Water)</b>                   |                       |
| PNEC aqua (freshwater)                | 0.4 mg/l              |
| PNEC aqua (marine water)              | 0.04 mg/l             |
| PNEC aqua (intermittent, freshwater)  | 11 mg/l               |
| <b>PNEC (Sediment)</b>                |                       |
| PNEC sediment (freshwater)            | 1.56 mg/kg dwt        |
| PNEC sediment (marine water)          | 0.156 mg/kg dwt       |
| <b>PNEC (Soil)</b>                    |                       |
| PNEC soil                             | 0.0765 mg/kg dwt      |
| <b>PNEC (STP)</b>                     |                       |
| PNEC sewage treatment plant           | 10 mg/l               |

#### 4-methylpentan-2-one (108-10-1)

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>DNEL/DMEL (Workers)</b>               |                           |
| Acute - systemic effects, inhalation     | 208 mg/m <sup>3</sup>     |
| Acute - local effects, inhalation        | 208 mg/m <sup>3</sup>     |
| Long-term - systemic effects, dermal     | 11.8 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 83 mg/m <sup>3</sup>      |
| Long-term - local effects, inhalation    | 83 mg/m <sup>3</sup>      |
| <b>DNEL/DMEL (General population)</b>    |                           |
| Acute - systemic effects, inhalation     | 155.2 mg/m <sup>3</sup>   |



#### 4-methylpentan-2-one (108-10-1)

|                                          |                          |
|------------------------------------------|--------------------------|
| Acute - local effects, inhalation        | 155.2 mg/m <sup>3</sup>  |
| Long-term - systemic effects, oral       | 4.2 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 14.7 mg/m <sup>3</sup>   |
| Long-term - systemic effects, dermal     | 4.2 mg/kg bodyweight/day |
| Long-term - local effects, inhalation    | 14.7 mg/m <sup>3</sup>   |

#### PNEC (Water)

|                                      |           |
|--------------------------------------|-----------|
| PNEC aqua (freshwater)               | 0.6 mg/l  |
| PNEC aqua (marine water)             | 0.06 mg/l |
| PNEC aqua (intermittent, freshwater) | 1.5 mg/l  |

#### PNEC (Sediment)

|                              |                |
|------------------------------|----------------|
| PNEC sediment (freshwater)   | 8.27 mg/kg dwt |
| PNEC sediment (marine water) | 0.83 mg/kg dwt |

#### PNEC (Soil)

|           |               |
|-----------|---------------|
| PNEC soil | 1.3 mg/kg dwt |
|-----------|---------------|

#### PNEC (STP)

|                             |           |
|-----------------------------|-----------|
| PNEC sewage treatment plant | 27.5 mg/l |
|-----------------------------|-----------|

#### formaldehyde (50-00-0)

#### DNEL/DMEL (Workers)

|                                          |                          |
|------------------------------------------|--------------------------|
| Acute - local effects, inhalation        | 0.75 mg/m <sup>3</sup>   |
| Long-term - systemic effects, dermal     | 240 mg/kg bodyweight/day |
| Long-term - local effects, dermal        | 37 µg/cm <sup>2</sup>    |
| Long-term - systemic effects, inhalation | 9 mg/m <sup>3</sup>      |
| Long-term - local effects, inhalation    | 0.375 mg/m <sup>3</sup>  |

#### DNEL/DMEL (General population)

|                                          |                          |
|------------------------------------------|--------------------------|
| Long-term - systemic effects, oral       | 4.1 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 3.2 mg/m <sup>3</sup>    |
| Long-term - systemic effects, dermal     | 102 mg/kg bodyweight/day |
| Long-term - local effects, dermal        | 12 µg/cm <sup>2</sup>    |
| Long-term - local effects, inhalation    | 0.1 mg/m <sup>3</sup>    |

#### PNEC (Water)

|                                      |           |
|--------------------------------------|-----------|
| PNEC aqua (freshwater)               | 0.44 mg/l |
| PNEC aqua (marine water)             | 0.44 mg/l |
| PNEC aqua (intermittent, freshwater) | 4.44 mg/l |

#### PNEC (Sediment)

|                              |               |
|------------------------------|---------------|
| PNEC sediment (freshwater)   | 2.3 mg/kg dwt |
| PNEC sediment (marine water) | 2.3 mg/kg dwt |

#### PNEC (Soil)

|           |               |
|-----------|---------------|
| PNEC soil | 0.2 mg/kg dwt |
|-----------|---------------|

#### PNEC (STP)

|                             |           |
|-----------------------------|-----------|
| PNEC sewage treatment plant | 0.19 mg/l |
|-----------------------------|-----------|



## 8.2. Exposure controls

**Appropriate engineering controls**

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

**Personal protection equipment**

**Personal protective equipment:**

Gloves. Safety glasses. Wear protective clothing. Wear foot protection. Gas mask.

**Personal protective equipment symbol(s):**



**Eye and face protection**

**Eye protection:**

Safety glasses. Use splash goggles when eye contact due to splashing is possible

**Skin protection**

**Skin and body protection:**

According to the conditions of use, protective gloves, apron, boots, head and face protection must be worn

**Hand protection:**

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The breakthrough time of the selected gloves must be greater than the intended use period. Gloves must be replaced after each use and whenever signs of wear or perforation appear

**Respiratory protection**

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. [In case of inadequate ventilation] wear respiratory protection.

**Environmental exposure controls**

**Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|                                                 |                                      |
|-------------------------------------------------|--------------------------------------|
| Physical state                                  | : Liquid                             |
| Colour                                          | : Grey                               |
| Molecular mass                                  | : 101.13 g/mol                       |
| Odour                                           | : According to product specification |
| Odour threshold                                 | : Not available                      |
| Melting point                                   | : Not applicable                     |
| Freezing point                                  | : Not available                      |
| Boiling point                                   | : 130 °C                             |
| Flammability                                    | : Not applicable                     |
| Lower explosion limit                           | : Not available                      |
| Upper explosion limit                           | : Not available                      |
| Flash point                                     | : 25 °C                              |
| Auto-ignition temperature                       | : 427 °C                             |
| Decomposition temperature                       | : Not available                      |
| pH                                              | : Not available                      |
| Viscosity, kinematic                            | : Not available                      |
| Solubility                                      | : Not available                      |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                      |
| Vapour pressure                                 | : 3955 Pa                            |
| Vapour pressure at 50°C                         | : 12649.13 Pa                        |
| Density                                         | : 1540 – 1600 kg/m <sup>3</sup>      |
| Relative density                                | : 1.54 – 1.6                         |
| Relative vapour density at 20°C                 | : Not available                      |



Particle characteristics : Not applicable

#### 9.2. Other information

##### Other safety characteristics

VOC content : 22.1 %

Average carbon number : 7,24

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Increase in temperature causes risk of combustion. Avoid direct impact with sunlight.

### 10.5. Incompatible materials

Avoid strong acids, Avoid direct impact with oxidising materials, avoid alkalis or strong bases.

### 10.6. Hazardous decomposition products

Contains substances which require external energy for spontaneous decomposition. Form explosive peroxides when distilled, evaporated or otherwise concentrated.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation) : Harmful if inhaled.

#### Osmo-Blocker MPO030 WILKOPOX Component A (Base)

|                     |              |
|---------------------|--------------|
| ATE CLP (gases)     | 4500 ppmv/4h |
| ATE CLP (vapours)   | 11 mg/l/4h   |
| ATE CLP (dust,mist) | 1.5 mg/l/4h  |

#### Xylene (1330-20-7)

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| LD50 dermal rabbit | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male |
|--------------------|---------------------------------------------------------|

#### reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) (25068-38-6)

|               |                                                                                                                                  |
|---------------|----------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
| LD50 oral     | 11400 mg/kg                                                                                                                      |
| LD50 dermal   | > 23000 mg/kg                                                                                                                    |

#### Phenol, methylstyrenated (68512-30-1)

|                 |                                                                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat   | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)                                                       |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal)) |



**Phenol, methylstyrenated (68512-30-1)**

|                       |                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 Inhalation - Rat | > 4.92 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)) |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

**4-methylpentan-2-one (108-10-1)**

|               |                                                                                          |
|---------------|------------------------------------------------------------------------------------------|
| LD50 oral rat | ≈ 4570 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
|---------------|------------------------------------------------------------------------------------------|

**formaldehyde (50-00-0)**

|                             |                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------|
| LD50 dermal rabbit          | 270 mg/kg (Rabbit)                                                                         |
| LC50 Inhalation - Rat [ppm] | < 463 ppm (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value) |

Skin corrosion/irritation : Causes skin irritation.

**formaldehyde (50-00-0)**

|    |         |
|----|---------|
| pH | 2.8 – 4 |
|----|---------|

Serious eye damage/irritation : Causes serious eye irritation.

**formaldehyde (50-00-0)**

|    |         |
|----|---------|
| pH | 2.8 – 4 |
|----|---------|

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Suspected of causing cancer.

**formaldehyde (50-00-0)**

|            |                            |
|------------|----------------------------|
| IARC group | 1 - Carcinogenic to humans |
|------------|----------------------------|

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

**2-methylpropan-1-ol (78-83-1)**

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. May cause respiratory irritation. |
|----------------------|----------------------------------------------------------------------|

**4-methylpentan-2-one (108-10-1)**

|                      |                                    |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

**Phenol, methylstyrenated (68512-30-1)**

|                            |                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days) | 337 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**2-methylpropan-1-ol (78-83-1)**

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| NOAEL (oral, rat, 90 days) | > 1450 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|



#### 4-methylpentan-2-one (108-10-1)

|                                          |                                                                                                                        |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days)               | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) |
| NOAEL (oral, rat, 90 days)               | 250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)  |
| NOAEC (inhalation, rat, vapour, 90 days) | 4.106 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)               |

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

#### Xylene (1330-20-7)

|                      |                         |
|----------------------|-------------------------|
| Viscosity, kinematic | 0.74 mm <sup>2</sup> /s |
|----------------------|-------------------------|

#### 2-methylpropan-1-ol (78-83-1)

|                      |                         |
|----------------------|-------------------------|
| Viscosity, kinematic | 3.87 mm <sup>2</sup> /s |
|----------------------|-------------------------|

#### formaldehyde (50-00-0)

|                      |                                 |
|----------------------|---------------------------------|
| Viscosity, kinematic | 1.86 – 2.652 mm <sup>2</sup> /s |
|----------------------|---------------------------------|

### 11.2. Information on other hazards

#### Endocrine disrupting properties

##### Component

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Phenol, methylstyrenated (68512-30-1) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

|                                                           |                                                                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|
| Ecology - general                                         | : Harmful to aquatic life with long lasting effects.                                |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects.                                |

#### Xylene (1330-20-7)

|                      |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)                  |
| LC50 - Fish [2]      | 2.661 – 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)               |
| EC50 - Crustacea [1] | > 3.4 mg/l Test organisms (species): Ceriodaphnia dubia                                                    |
| EC50 - Crustacea [2] | 0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)                                               |
| LOEC (chronic)       | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                         |
| NOEC chronic fish    | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' |

#### reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) (25068-38-6)

|                      |                                                  |
|----------------------|--------------------------------------------------|
| EC50 - Crustacea [1] | ≈ 2 mg/l Test organisms (species): Daphnia magna |
|----------------------|--------------------------------------------------|

#### 2-methylpropan-1-ol (78-83-1)

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| LC50 - Fish [1] | 1430 mg/l Test organisms (species): Pimephales promelas |
|-----------------|---------------------------------------------------------|



#### 2-methylpropan-1-ol (78-83-1)

|                      |                                                                  |
|----------------------|------------------------------------------------------------------|
| EC50 - Crustacea [1] | 1100 mg/l Test organisms (species): Daphnia pulex                |
| NOEC (chronic)       | 20 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

#### 4-methylpentan-2-one (108-10-1)

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | > 179 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| EC50 - Crustacea [1] | > 200 mg/l Test organisms (species): Daphnia magna                                  |

#### formaldehyde (50-00-0)

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 6.7 mg/l Test organisms (species): Morone saxatilis                                                                                      |
| EC50 - Crustacea [1] | 5.8 mg/l Test organisms (species): Daphnia pulex                                                                                         |
| ErC50 algae          | 4.89 – 6.61 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value) |
| NOEC (chronic)       | ≥ 6.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                                                      |
| NOEC chronic fish    | ≥ 48 mg/l Test organisms (species): Oryzias latipes Duration: '28 d'                                                                     |

### 12.2. Persistence and degradability

#### Osmo-Blocker MPO030 WILKOPOX Component A (Base)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### Xylene (1330-20-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### reaction product: bisphenol-A-(epichlorhydrin) ( MW < 700 ) (25068-38-6)

|                               |                         |
|-------------------------------|-------------------------|
| Persistence and degradability | Not rapidly degradable. |
|-------------------------------|-------------------------|

#### Phenol, methylstyrenated (68512-30-1)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 2-methylpropan-1-ol (78-83-1)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### 4-methylpentan-2-one (108-10-1)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### formaldehyde (50-00-0)

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Persistence and degradability   | Readily biodegradable in water.     |
| Biochemical oxygen demand (BOD) | 0.64                                |
| Chemical oxygen demand (COD)    | 1.06 g O <sub>2</sub> /g substance  |
| ThOD                            | 1.068 g O <sub>2</sub> /g substance |
| BOD (% of ThOD)                 | 0.6 % ThOD                          |

### 12.3. Bioaccumulative potential

#### Xylene (1330-20-7)

|                |          |
|----------------|----------|
| BCF - Fish [1] | 0.6 – 15 |
|----------------|----------|



#### Xylene (1330-20-7)

Partition coefficient n-octanol/water (Log Pow)      2.77 – 3.15

#### formaldehyde (50-00-0)

BCF - Fish [1]      < 1 (1 h, Flow-through system, Salt water, Weight of evidence)

Partition coefficient n-octanol/water (Log Pow)      0.35 (Calculated)

Bioaccumulative potential      Low potential for bioaccumulation (BCF < 500).

#### 12.4. Mobility in soil

#### formaldehyde (50-00-0)

Surface tension      73 mN/m (20 °C, Aqueous solution, 7.5 g/l)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)      1.202 (log Koc, Calculated value)

Ecology - soil      Not applicable (gas). Toxic to flora.

#### 12.5. Results of PBT and vPvB assessment

##### Component

Substance(s) meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII      Phenol, methylstyrenated (68512-30-1)

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII      Xylene (1330-20-7), Phenol, methylstyrenated (68512-30-1), formaldehyde (50-00-0)

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII      Xylene (1330-20-7), formaldehyde (50-00-0)

#### 12.6. Endocrine disrupting properties

##### Component

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Phenol, methylstyrenated (68512-30-1) | The substance is identified for having endocrine disrupting properties but there is no additional data available (see section 2.3) |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|

#### 12.7. Other adverse effects

No additional information available

## SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

|                                            |                                                                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                                                                      |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                                   |
| Product/Packaging disposal recommendations | : Completely empty the packaging prior to decontamination. Recycle the material as far as possible. Comply with local regulations for disposal. |
| Ecological waste information               | : Avoid release to the environment.                                                                                                             |
| European List of Waste (LoW, EC 2000/532)  | : 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances                                                 |

## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                 | IMDG    | IATA    | ADN     | RID     |
|-------------------------------------|---------|---------|---------|---------|
| <b>14.1. UN number or ID number</b> |         |         |         |         |
| UN 1263                             | UN 1263 | UN 1263 | UN 1263 | UN 1263 |



| ADR                                                                               | IMDG                                                                                                        | IATA                                                                              | ADN                                                                                 | RID                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>14.2. UN proper shipping name</b>                                              |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |
| PAINT                                                                             | PAINT                                                                                                       | Paint                                                                             | PAINT                                                                               | PAINT                                                                               |
| <b>Transport document description</b>                                             |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |
| UN 1263 PAINT, 3, III,<br>(D/E)                                                   | UN 1263 PAINT, 3, III                                                                                       | UN 1263 Paint, 3, III                                                             | UN 1263 PAINT, 3, III                                                               | UN 1263 PAINT, 3, III                                                               |
| <b>14.3. Transport hazard class(es)</b>                                           |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |
| 3                                                                                 | 3                                                                                                           | 3                                                                                 | 3                                                                                   | 3                                                                                   |
|  |                            |  |  |  |
| <b>14.4. Packing group</b>                                                        |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |
| III                                                                               | III                                                                                                         | III                                                                               | III                                                                                 | III                                                                                 |
| <b>14.5. Environmental hazards</b>                                                |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |
| Dangerous for the environment: No                                                 | Dangerous for the environment: No<br>Marine pollutant: No<br>EmS-No. (Fire): F-E<br>EmS-No. (Spillage): S-E | Dangerous for the environment: No                                                 | Dangerous for the environment: No                                                   | Dangerous for the environment: No                                                   |
| No supplementary information available                                            |                                                                                                             |                                                                                   |                                                                                     |                                                                                     |

#### 14.6. Special precautions for user

##### Overland transport

|                                                           |                                                                                       |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------|
| Classification code (ADR)                                 | : F1                                                                                  |
| Special provisions (ADR)                                  | : 163, 367, 650                                                                       |
| Limited quantities (ADR)                                  | : 5I                                                                                  |
| Excepted quantities (ADR)                                 | : E1                                                                                  |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001                                                             |
| Special packing provisions (ADR)                          | : PP1                                                                                 |
| Mixed packing provisions (ADR)                            | : MP19                                                                                |
| Portable tank and bulk container instructions (ADR)       | : T2                                                                                  |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29                                                                           |
| Tank code (ADR)                                           | : LGBF                                                                                |
| Vehicle for tank carriage                                 | : FL                                                                                  |
| Transport category (ADR)                                  | : 3                                                                                   |
| Special provisions for carriage - Packages (ADR)          | : V12                                                                                 |
| Special provisions for carriage - Operation (ADR)         | : S2                                                                                  |
| Hazard identification number (Kemler No.)                 | : 30                                                                                  |
| Orange plates                                             | :  |

Tunnel restriction code (ADR) : D/E

##### Transport by sea

|                                   |                      |
|-----------------------------------|----------------------|
| Special provisions (IMDG)         | : 163, 223, 367, 955 |
| Limited quantities (IMDG)         | : 5 L                |
| Excepted quantities (IMDG)        | : E1                 |
| Packing instructions (IMDG)       | : P001, LP01         |
| Special packing provisions (IMDG) | : PP1                |
| IBC packing instructions (IMDG)   | : IBC03              |



|                                    |                                                        |
|------------------------------------|--------------------------------------------------------|
| Tank instructions (IMDG)           | : T2                                                   |
| Tank special provisions (IMDG)     | : TP1, TP29                                            |
| Stowage category (IMDG)            | : A                                                    |
| Properties and observations (IMDG) | : Miscibility with water depends upon the composition. |

#### Air transport

|                                              |                 |
|----------------------------------------------|-----------------|
| PCA Excepted quantities (IATA)               | : E1            |
| PCA Limited quantities (IATA)                | : Y344          |
| PCA limited quantity max net quantity (IATA) | : 10L           |
| PCA packing instructions (IATA)              | : 355           |
| PCA max net quantity (IATA)                  | : 60L           |
| CAO packing instructions (IATA)              | : 366           |
| CAO max net quantity (IATA)                  | : 220L          |
| Special provisions (IATA)                    | : A3, A72, A192 |
| ERG code (IATA)                              | : 3L            |

#### Inland waterway transport

|                                   |                 |
|-----------------------------------|-----------------|
| Classification code (ADN)         | : F1            |
| Special provisions (ADN)          | : 163, 367, 650 |
| Limited quantities (ADN)          | : 5 L           |
| Excepted quantities (ADN)         | : E1            |
| Equipment required (ADN)          | : PP, EX, A     |
| Ventilation (ADN)                 | : VE01          |
| Number of blue cones/lights (ADN) | : 0             |

#### Rail transport

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Classification code (RID)                                 | : F1                      |
| Special provisions (RID)                                  | : 163, 367, 650           |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Special packing provisions (RID)                          | : PP1                     |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T2                      |
| Portable tank and bulk container special provisions (RID) | : TP1, TP29               |
| Tank codes for RID tanks (RID)                            | : LGBF                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE4                     |
| Hazard identification number (RID)                        | : 30                      |

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

Not applicable

## SECTION 15: REGULATORY INFORMATION

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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

##### EU restriction list (REACH Annex XVII)

| Reference code | Applicable on | Entry title or description                         |
|----------------|---------------|----------------------------------------------------|
| 77.            | formaldehyde  | Formaldehyde and formaldehyde-releasing substances |

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)



**REACH Candidate List (SVHC)**

Contains substance(s) listed on the REACH Candidate List in concentrations  $\geq 0.1\%$  or SCL: Phenol, methylstyrenated (EC 700-960-7, CAS 68512-30-1)

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (2024/590)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

**Council Regulation (EC) for the control of dual-use items**

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

**VOC Directive (2004/42)**

VOC content : 22.1 %

**Explosives Precursors Regulation (EU 2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (EC 273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

**National regulations**

**Germany**

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employment restrictions                        | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Water hazard class (WGK)                       | : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Chemicals Prohibition Ordinance (ChemVerbotsV) | : This product is subject to ChemVerbotsV Annex 1 Entry 1. Paragraph 1) Coated and uncoated wood-based materials (chipboard, blockboard, veneer panels, and fibreboard) may not be placed on the market if the equalizing concentration of formaldehyde in the air in a test room exceeds 0.1 ml / cbm (ppm). Paragraph 2) Furniture that contains wood-based materials that do not meet the requirements of Paragraph 1 may not be placed on the market. Paragraph 1 is also deemed to have been fulfilled if the furniture complies with the equalization concentration specified in paragraph 1 during a whole-body test. Paragraph 3) Detergents, cleaning agents and care products with a mass content of more than 0.2% formaldehyde may not be placed on the market. |
| Major Accidents Ordinance (12. BImSchV)        | : Is not subject to the Major Accidents Ordinance (12. BImSchV)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| VOC content                                    | : 22.1 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms:**

|     |                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE | Acute Toxicity Estimate                                                                         |
| BCF | Bioconcentration factor                                                                         |
| BLV | Biological limit value                                                                          |
| BOD | Biochemical oxygen demand (BOD)                                                                 |
| COD | Chemical oxygen demand (COD)                                                                    |



#### Abbreviations and acronyms:

|           |                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------|
| DMEL      | Derived Minimal Effect level                                                                      |
| DNEL      | Derived-No Effect Level                                                                           |
| EC-No.    | European Community number                                                                         |
| EC50      | Median effective concentration                                                                    |
| EN        | European Standard                                                                                 |
| IARC      | International Agency for Research on Cancer                                                       |
| IATA      | International Air Transport Association                                                           |
| IMDG      | International Maritime Dangerous Goods                                                            |
| LC50      | Median lethal concentration                                                                       |
| LD50      | Median lethal dose                                                                                |
| LOAEL     | Lowest Observed Adverse Effect Level                                                              |
| NOAEC     | No-Observed Adverse Effect Concentration                                                          |
| NOAEL     | No-Observed Adverse Effect Level                                                                  |
| NOEC      | No-Observed Effect Concentration                                                                  |
| OECD      | Organisation for Economic Co-operation and Development                                            |
| OEL       | Occupational Exposure Limit                                                                       |
| PBT       | Persistent Bioaccumulative Toxic                                                                  |
| PNEC      | Predicted No-Effect Concentration                                                                 |
| RID       | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS       | Safety Data Sheet                                                                                 |
| STP       | Sewage treatment plant                                                                            |
| ThOD      | Theoretical oxygen demand (ThOD)                                                                  |
| TLM       | Median Tolerance Limit                                                                            |
| VOC       | Volatile Organic Compounds                                                                        |
| CAS-No.   | Chemical Abstract Service number                                                                  |
| N.O.S.    | Not Otherwise Specified                                                                           |
| vPvB      | Very Persistent and Very Bioaccumulative                                                          |
| CLP       | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| IOELV     | Indicative Occupational Exposure Limit Value                                                      |
| Pow (log) | n-octanol/water partition coefficient                                                             |
| REACH     | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| WGK       | Water Hazard Class                                                                                |

Data sources : Classification according to Regulation (EC) No. 1272/2008 [CLP]. ECHA (European Chemicals Agency). Supplier's safety documents.

#### Full text of H- and EUH-statements:

|                                        |                                                  |
|----------------------------------------|--------------------------------------------------|
| Acute Tox. 3 (Dermal)                  | Acute toxicity (dermal), Category 3              |
| Acute Tox. 3<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 3 |
| Acute Tox. 3 (Oral)                    | Acute toxicity (oral), Category 3                |
| Acute Tox. 4 (Dermal)                  | Acute toxicity (dermal), Category 4              |



#### Full text of H- and EUH-statements:

|                                        |                                                                        |
|----------------------------------------|------------------------------------------------------------------------|
| Acute Tox. 4<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4                       |
| Acute Tox. 4<br>(Inhalation:vapour)    | Acute toxicity (inhalation:vapour) Category 4                          |
| Aquatic Chronic 2                      | Hazardous to the aquatic environment – Chronic Hazard, Category 2      |
| Aquatic Chronic 3                      | Hazardous to the aquatic environment – Chronic Hazard, Category 3      |
| Carc. 1B                               | Carcinogenicity, Category 1B                                           |
| Carc. 2                                | Carcinogenicity, Category 2                                            |
| Eye Dam. 1                             | Serious eye damage/eye irritation, Category 1                          |
| Eye Irrit. 2                           | Serious eye damage/eye irritation, Category 2                          |
| Flam. Liq. 2                           | Flammable liquids, Category 2                                          |
| Flam. Liq. 3                           | Flammable liquids, Category 3                                          |
| Muta. 2                                | Germ cell mutagenicity, Category 2                                     |
| Skin Corr. 1B                          | Skin corrosion/irritation, Category 1, Sub-Category 1B                 |
| Skin Irrit. 2                          | Skin corrosion/irritation, Category 2                                  |
| Skin Sens. 1                           | Skin sensitisation, Category 1                                         |
| STOT SE 3                              | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H225                                   | Highly flammable liquid and vapour.                                    |
| H226                                   | Flammable liquid and vapour.                                           |
| H301                                   | Toxic if swallowed.                                                    |
| H311                                   | Toxic in contact with skin.                                            |
| H312                                   | Harmful in contact with skin.                                          |
| H314                                   | Causes severe skin burns and eye damage.                               |
| H315                                   | Causes skin irritation.                                                |
| H317                                   | May cause an allergic skin reaction.                                   |
| H318                                   | Causes serious eye damage.                                             |
| H319                                   | Causes serious eye irritation.                                         |
| H331                                   | Toxic if inhaled.                                                      |
| H332                                   | Harmful if inhaled.                                                    |
| H335                                   | May cause respiratory irritation.                                      |
| H336                                   | May cause drowsiness or dizziness.                                     |
| H341                                   | Suspected of causing genetic defects.                                  |
| H350                                   | May cause cancer.                                                      |
| H351                                   | Suspected of causing cancer.                                           |
| H411                                   | Toxic to aquatic life with long lasting effects.                       |
| H412                                   | Harmful to aquatic life with long lasting effects.                     |
| EUH066                                 | Repeated exposure may cause skin dryness or cracking.                  |
| EUH205                                 | Contains epoxy constituents. May produce an allergic reaction.         |

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|              |      |                       |
|--------------|------|-----------------------|
| Flam. Liq. 3 | H226 | On basis of test data |
|--------------|------|-----------------------|



**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:**

|                           |      |                    |
|---------------------------|------|--------------------|
| Acute Tox. 4 (Inhalation) | H332 | Calculation method |
| Skin Irrit. 2             | H315 | Calculation method |
| Eye Irrit. 2              | H319 | Calculation method |
| Skin Sens. 1              | H317 | Calculation method |
| Carc. 2                   | H351 | Calculation method |
| Aquatic Chronic 3         | H412 | Calculation method |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

**DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable

