### Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758

# SAFETY DATA SHEET

Date of issue/Date of revision

: 3 September 2024



: 1.03

Version

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

| 1.1 Product identifier           |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| Product name                     | : SIGMALINE 855 BASE OFFWHITE                                                   |
| Product code                     | : 00256733                                                                      |
| Product type                     | : Liquid.                                                                       |
| Other means of identification    | : Not available.                                                                |
| 1.2 Relevant identified use      | es of the substance or mixture and uses advised against                         |
| Product use                      | : Frofessional applications, Used by spraying, Application by non spray methods |
| Use of the substance/<br>mixture | : Coating.                                                                      |
| Uses advised against             | : Product is not intended, labelled or packaged for consumer use.               |

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

PPG Coatings Belgium BV/SRL Tweemontstraat 104 B-2100 Deurne Belgium Telephone +32-33606311 Fax +32-33606435

e-mail address of person responsible for this SDS

: Product.Stewardship.EMEA@ppg.com

# 1.4 Emergency telephone number

**Supplier** 

+31 20 4075210

# **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

: Mixture **Product definition Classification according to UK CLP/GHS** Skin Sens. 1, H317 Aquatic Chronic 3, H412

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

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

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

2.2 Label elements **Hazard pictograms** 



| Signal word              | : Warning                                                                          |
|--------------------------|------------------------------------------------------------------------------------|
| Hazard statements        | : May cause an allergic skin reaction.<br>Harmful to aquatic life with long lastir |
| Precautionary statements |                                                                                    |

**Prevention** 

: Wear protective gloves. Avoid release to the environment. Avoid breathing vapour.

English (GB)

life with long lasting effects.

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| Conforms to Regulation (EC) N                                                                                                                     | <b>o</b> . ' | 1907/2006 (REACH), Annex II, as amended by UK REACH Regulation SI 2019/758                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code : 00256733<br>SIGMALINE 855 BASE OFFW                                                                                                        | Ήľ           | Date of issue/Date of revision         : 3 September 2024           TE                                                                                                |
| <b>SECTION 2: Hazards</b>                                                                                                                         | ic           | lentification                                                                                                                                                         |
| Response                                                                                                                                          | :            | Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water.                                                                       |
| Storage                                                                                                                                           | :            | Not applicable.                                                                                                                                                       |
| Disposal                                                                                                                                          | -            | Dispose of contents and container in accordance with all local, regional, national and international regulations.<br>P280, P273, P261, P362 + P364, P302 + P352, P501 |
| Supplemental label<br>elements                                                                                                                    | :            | Not applicable.                                                                                                                                                       |
| Annex XVII - Restrictions<br>on the manufacture,<br>placing on the market and<br>use of certain dangerous<br>substances, mixtures and<br>articles | :            | Not applicable.                                                                                                                                                       |
| Special packaging requirem                                                                                                                        | en           | i <u>ts</u>                                                                                                                                                           |
| Containers to be fitted<br>with child-resistant<br>fastenings                                                                                     | :            | Not applicable.                                                                                                                                                       |
| Tactile warning of danger                                                                                                                         | :            | Not applicable.                                                                                                                                                       |
| 2.3 Other hazards                                                                                                                                 |              |                                                                                                                                                                       |
| Product meets the criteria<br>for PBT or vPvB according<br>to Regulation (EC) No.<br>1907/2006, Annex XIII                                        | :            | This mixture does not contain any substances that are assessed to be a PBT or a vPvB.                                                                                 |
| Other hazards which do not result in classification                                                                                               | ;            | None known.                                                                                                                                                           |

# **SECTION 3: Composition/information on ingredients**

| Product/ingredient name     | Identifiers                                                                             | %          | Classification                                                                                                                                                                                                                 | Туре |
|-----------------------------|-----------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Phenol, methylstyrenated    | REACH #:<br>01-2119555274-38<br>EC: 270-966-8<br>CAS: 68512-30-1                        | ≥5.0 - <10 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3,<br>H412                                                                                                                                                        | [1]  |
| diethylmethylbenzenediamine | REACH #:<br>01-2119486805-25<br>EC: 270-877-4<br>CAS: 68479-98-1<br>Index: 612-130-00-0 | <1.0       | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Eye Irrit. 2, H319<br>STOT RE 2, H373<br>Aquatic Acute 1, H400<br>(M=1)<br>Aquatic Chronic 1,<br>H410 (M=1)<br>See Section 16 for<br>the full text of the H<br>statements declared | [1]  |

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

[1] Substance classified with a health or environmental hazard

This mixture contains  $\geq$  1% of titanium dioxide. The Annex VI classification of titanium dioxide does not apply to this mixture according to Note 10.

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

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## **SECTION 3: Composition/information on ingredients**

SUB codes represent substances without registered CAS Numbers.

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

| 4.1 Description of first aid m | neasures                                                                                                                                                                                                                                                      |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact                    | <ul> <li>Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids<br/>apart for at least 10 minutes and seek immediate medical advice.</li> </ul>                                                                               |
| Inhalation                     | <ul> <li>Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is<br/>irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained<br/>personnel.</li> </ul>                                    |
| Skin contact                   | <ul> <li>Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water<br/>or use recognised skin cleanser. Do NOT use solvents or thinners.</li> </ul>                                                                                    |
| Ingestion                      | : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.                                                                                                                        |
| Protection of first-aiders     | No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. |

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

| Potential acute health effects |     |                                                   |
|--------------------------------|-----|---------------------------------------------------|
| Eye contact                    | : 1 | No known significant effects or critical hazards. |
| Inhalation                     | : N | No known significant effects or critical hazards. |
| Skin contact                   | : N | May cause an allergic skin reaction.              |

| Skill contact       | · May cause an anergic skin reaction.                                  |
|---------------------|------------------------------------------------------------------------|
| Ingestion           | : No known significant effects or critical hazards.                    |
| Over-exposure signs | :/symptoms                                                             |
| Eye contact         | : No specific data.                                                    |
| Inhalation          | : No specific data.                                                    |
| Skin contact        | : Adverse symptoms may include the following:<br>irritation<br>redness |
| Ingestion           | : No specific data.                                                    |

| Notes to physician  | <ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul> |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Specific treatments | : No specific treatment.                                                                                                                      |
|                     |                                                                                                                                               |

# **SECTION 5: Firefighting measures**

| 5.1 Extinguishing media               |      |                                                                                                                                                                                                                                                                                                    |
|---------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media          | :    | Use an extinguishing agent suitable for the surrounding fire.                                                                                                                                                                                                                                      |
| Unsuitable extinguishing media        | :    | None known.                                                                                                                                                                                                                                                                                        |
| 5.2 Special hazards arising f         | from | the substance or mixture                                                                                                                                                                                                                                                                           |
| Hazards from the substance or mixture | :    | In a fire or if heated, a pressure increase will occur and the container may burst.<br>This material is harmful to aquatic life with long lasting effects. Fire water<br>contaminated with this material must be contained and prevented from being<br>discharged to any waterway, sewer or drain. |
| Hazardous combustion<br>products      | :    | Decomposition products may include the following materials: carbon oxides                                                                                                                                                                                                                          |

| English (GB) | United Kingdom (UK)                 | 3/12 |
|--------------|-------------------------------------|------|
|              | sulfur oxides<br>metal oxide/oxides |      |
| uuuu         |                                     |      |

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|           |                   |                                |                    |

## **SECTION 5: Firefighting measures**

| 5.3 Advice for firefighters                       |   |                                                                                                                                                                                             |
|---------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Special protective actions for fire-fighters      | : | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective<br>equipment for fire-fighters | : | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.                         |

# **SECTION 6: Accidental release measures**

| 6.1 Personal precautions, pro  | tective equipment and emergency procedures                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For non-emergency<br>personnel | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilt material. Avoid breathing vapour or<br>mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is<br>inadequate. Put on appropriate personal protective equipment. |
| For emergency responders       | : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".                                                                                                                                                                                                     |
| 6.2 Environmental precautions  | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains<br>and sewers. Inform the relevant authorities if the product has caused environmental<br>pollution (sewers, waterways, soil or air). Water polluting material. May be harmful<br>to the environment if released in large quantities.                                                                                   |
| 6.3 Methods and material for   | containment and cleaning up                                                                                                                                                                                                                                                                                                                                                                                     |
| Small spill                    | : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.                                                                                                                 |

| Large spill | : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal. |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| 6.4 Reference to other | - 1 | See Section 1 for emergency contact information.                            |
|------------------------|-----|-----------------------------------------------------------------------------|
| sections               |     | See Section 8 for information on appropriate personal protective equipment. |
|                        |     | See Section 13 for additional waste treatment information.                  |
|                        |     |                                                                             |

# **SECTION 7: Handling and storage**

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

### 7.1 Precautions for safe handling

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

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

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

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

Store between the following temperatures: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

#### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

# SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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

#### **Occupational exposure limits**

No exposure limit value known.

# procedures

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

#### **DNELs/DMELs**

| Product/ingredient name     | Туре | Exposure             | Value                   | Population         | Effects  |
|-----------------------------|------|----------------------|-------------------------|--------------------|----------|
| Phenol, methylstyrenated    | DNEL | Long term Oral       | 0.2 mg/kg bw/day        | General population | Systemic |
|                             | DNEL | Long term Inhalation | 0.348 mg/m <sup>3</sup> | General population | Systemic |
|                             | DNEL | Long term Inhalation | 1.41 mg/m <sup>3</sup>  | Workers            | Systemic |
|                             | DNEL | Long term Dermal     | 1.67 mg/kg bw/day       | General population | Systemic |
|                             | DNEL | Long term Dermal     | 3.5 mg/kg bw/day        | Workers            | Systemic |
| diethylmethylbenzenediamine | DNEL | Long term Oral       | 0.1 mg/kg bw/day        | General population | Systemic |
|                             | DNEL | Long term Inhalation | 0.1 mg/m <sup>3</sup>   | General population | Systemic |
|                             | DNEL | Long term Inhalation | 0.13 mg/m <sup>3</sup>  | Workers            | Systemic |
|                             | DNEL | Long term Dermal     | 1 mg/kg bw/day          | General population | Systemic |
|                             | DNEL | Long term Dermal     | 1 mg/kg bw/day          | Workers            | Systemic |

**PNECs** 

No PNECs available

#### 8.2 Exposure controls

#### Appropriate engineering controls

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

### Individual protection measures

### **Hygiene measures**

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

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|                                                  | NE 855 BASE OFFWHITE |                                  |                    |
| SECTION 8: Exposure controls/personal protection |                      |                                  |                    |
| Evolfor                                          |                      | Cofety glasses with side shields |                    |

| Skin protection                 | : Safety glasses with side shields.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hand protection                 | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. butyl rubber |
| Body protection                 | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other skin protection           | : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Respiratory protection          | : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Environmental exposure controls | : Emissions from ventilation or work process equipment should be checked to ensure<br>they comply with the requirements of environmental protection legislation. In some<br>cases, fume scrubbers, filters or engineering modifications to the process equipment<br>will be necessary to reduce emissions to acceptable levels.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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

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

### 9.1 Information on basic physical and chemical properties

| Appearance                                   |          |                     |     |                                                                         |
|----------------------------------------------|----------|---------------------|-----|-------------------------------------------------------------------------|
| Physical state                               | : Liquid |                     |     |                                                                         |
| Colour                                       | : Variou | IS                  |     |                                                                         |
| Odour                                        | : Aroma  | atic. [Slight]      |     |                                                                         |
| Odour threshold                              | : Not av | /ailable.           |     |                                                                         |
| Melting point/freezing point                 | data f   |                     |     | ure: -14°C (6.8°F) This is based on<br>hylstyrenated. Weighted average: |
| Initial boiling point and<br>boiling range   | : >37.7  | 8°C (>100°F)        |     |                                                                         |
| Flammability (solid, gas)                    | : liquid |                     |     |                                                                         |
| Upper/lower flammability or explosive limits | : Not av | /ailable.           |     |                                                                         |
| Flash point                                  | : 🕅      | d cup: 100°C (212°F | -)  |                                                                         |
| Auto-ignition temperature                    | :        |                     |     |                                                                         |
| Ingredient name                              |          | °C                  | °F  | Method                                                                  |
| Propylidynetrimethanol, propoxylated         |          | 325                 | 617 | EU A.15                                                                 |

English (GB)

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

2

| рН                  | : Not applicable.<br>Not applicable. insoluble in water. |  |  |
|---------------------|----------------------------------------------------------|--|--|
| Viscosity           | : Kinematic (40°C): >21 mm <sup>2</sup> /s               |  |  |
| Solubility(ies)     | :                                                        |  |  |
| Media               | Result                                                   |  |  |
| cold water          | Not soluble                                              |  |  |
| Miscible with water | : No.                                                    |  |  |

#### Partition coefficient: n-octanol/ : Not applicable. water

### Vapour pressure

|                                                     | Vapour Pressure at 20°C |            |                                               | V              | Vapour pressure at 50°C |                      |  |
|-----------------------------------------------------|-------------------------|------------|-----------------------------------------------|----------------|-------------------------|----------------------|--|
| Ingredient name                                     | mm Hg                   | kPa        | Method                                        | mm Hg          | kPa                     | Method               |  |
| Branched Polyalcohol with Ester<br>and Ether Groups | <2.2501845              | <0.3       |                                               |                |                         |                      |  |
| Relative density                                    | : 1.86                  |            | •                                             |                |                         |                      |  |
| explosive properties                                |                         |            | self is not explosive<br>with air is possible |                | ition of an e           | explosible mixture o |  |
| Dxidising properties                                | : Prod                  | uct does r | not present an oxic                           | lizing hazard. |                         |                      |  |
| Particle characteristics                            |                         |            |                                               |                |                         |                      |  |
| Median particle size                                | : Not a                 | applicable |                                               |                |                         |                      |  |

# **SECTION 10: Stability and reactivity**

| 10.1 Reactivity                          | : No specific test data related to reactivity available for this product or its ingredients                                            | s.     |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------|
| 10.2 Chemical stability                  | The product is stable.                                                                                                                 |        |
| 10.3 Possibility of hazardous reactions  | Under normal conditions of storage and use, hazardous reactions will not occur.                                                        |        |
| 10.4 Conditions to avoid                 | When exposed to high temperatures may produce hazardous decomposition proc<br>Refer to protective measures listed in sections 7 and 8. | ducts. |
| 10.5 Incompatible materials              | Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.         |        |
| 10.6 Hazardous<br>decomposition products | Depending on conditions, decomposition products may include the following materials: carbon oxides sulfur oxides metal oxide/oxides    |        |

# **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

### **Acute toxicity**

| Product/ingredient name     | Result                         | Species | Dose        | Exposure |
|-----------------------------|--------------------------------|---------|-------------|----------|
| Phenol, methylstyrenated    | LD50 Dermal                    | Rabbit  | >2000 mg/kg | -        |
|                             | LD50 Oral                      | Rat     | >2000 mg/kg | -        |
| diethylmethylbenzenediamine | LD50 Oral                      | Rat     | 472 mg/kg   | -        |
| Conclusion/Summary          | There are no data available on |         | 00          |          |

Conclusion/Summary Acute toxicity estimates i nere are no data available on the mixture itself.

English (GB)

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# **SECTION 11: Toxicological information**

| 5 |                                |            |                         |                   |                                |                                   |                                              |     |
|---|--------------------------------|------------|-------------------------|-------------------|--------------------------------|-----------------------------------|----------------------------------------------|-----|
|   | Product/ingredient name        |            | Oral (mg/<br>kg)        | Dermal<br>(mg/kg) | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapours)<br>(mg/l) | Inhalation<br>(dusts<br>and mists)<br>(mg/l) |     |
|   | diethylmethylbenzenediamin     | е          |                         | 472               | 1100                           | N/A                               | N/A                                          | N/A |
| l | rritation/Corrosion            |            |                         |                   |                                |                                   |                                              |     |
|   | Conclusion/Summary             | 1          | Not available.          |                   |                                |                                   |                                              |     |
|   | Skin                           | ÷          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
|   | Eyes                           | :          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
|   | Respiratory                    | :          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
| 5 | <u>Sensitisation</u>           |            |                         |                   |                                |                                   |                                              |     |
| C | Conclusion/Summary             |            |                         |                   |                                |                                   |                                              |     |
|   | Skin                           |            | There are no data av    |                   |                                |                                   |                                              |     |
|   | Respiratory                    | ÷          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
| Ν | lutagenicity                   |            |                         |                   |                                |                                   |                                              |     |
|   | Conclusion/Summary             | 4          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
|   | Carcinogenicity                |            |                         |                   |                                |                                   |                                              |     |
|   | Conclusion/Summary             | ÷          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
|   | Reproductive toxicity          |            |                         |                   |                                |                                   |                                              |     |
|   | Conclusion/Summary             | ÷          | There are no data av    | ailable on the    | e mixture itse                 | elf.                              |                                              |     |
|   | eratogenicity                  |            |                         |                   |                                |                                   |                                              |     |
|   | Conclusion/Summary             |            | There are no data a     | allable on the    | e mixture itse                 | elt.                              |                                              |     |
|   | specific target organ toxicity | <u>y (</u> | <u>single exposure)</u> |                   |                                |                                   |                                              |     |
|   | Not available.                 |            |                         |                   |                                |                                   |                                              |     |

### Specific target organ toxicity (repeated exposure)

| Product/ingredient name     | Category   | Route of exposure | Target organs |
|-----------------------------|------------|-------------------|---------------|
| diethylmethylbenzenediamine | Category 2 | -                 | -             |

### **Aspiration hazard**

Not available.

| Information on likely routes of exposure | 1 | Not available. |
|------------------------------------------|---|----------------|
| Potential acute health effects           |   |                |

| Eye contact  | : No known significant effects or critical hazards. |
|--------------|-----------------------------------------------------|
| Inhalation   | : No known significant effects or critical hazards. |
| Skin contact | : May cause an allergic skin reaction.              |
| Ingestion    | : No known significant effects or critical hazards. |

| Symptoms related to the | physica | I, chemical and toxicological characteristics |
|-------------------------|---------|-----------------------------------------------|
|                         |         |                                               |

| Eye contact<br>Inhalation | <ul><li>No specific data.</li><li>No specific data.</li></ul>          |
|---------------------------|------------------------------------------------------------------------|
| Skin contact              | : Adverse symptoms may include the following:<br>irritation<br>redness |
| Ingestion                 | : No specific data.                                                    |

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

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# **SECTION 11: Toxicological information**

| Short term exposure            |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Potential immediate effects    | : Not available.                                                                                      |
| Potential delayed effects      | : Not available.                                                                                      |
| Long term exposure             |                                                                                                       |
| Potential immediate<br>effects | : Not available.                                                                                      |
| Potential delayed effects      | : Not available.                                                                                      |
| Potential chronic health effe  | ects                                                                                                  |
| Not available.                 |                                                                                                       |
| <b>Conclusion/Summary</b>      | : Not available.                                                                                      |
| General                        | : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. |
| Carcinogenicity                | : No known significant effects or critical hazards.                                                   |
| Mutagenicity                   | : No known significant effects or critical hazards.                                                   |
| Reproductive toxicity          | : No known significant effects or critical hazards.                                                   |
|                                |                                                                                                       |

| Other information | : Not available. |
|-------------------|------------------|
|                   |                  |

# **SECTION 12: Ecological information**

| 12.1 Toxicity               |                                 |         |          |  |
|-----------------------------|---------------------------------|---------|----------|--|
| Product/ingredient name     | Result                          | Species | Exposure |  |
| diethylmethylbenzenediamine | Acute EC50 0.5 mg/l Fresh water | Daphnia | 48 hours |  |
| Conclusion/Summary          | : Not available.                | ·       | i        |  |

**Conclusion/Summary** 

12.2 Persistence and degradability

Conclusion/Summary : Not available.

| Product/ingredient name     | Aquatic half-life | Photolysis | Biodegradability |
|-----------------------------|-------------------|------------|------------------|
| diethylmethylbenzenediamine | -                 | -          | Not readily      |

### 12.3 Bioaccumulative potential

| Product/ingredient name     | LogP <sub>ow</sub> | BCF | Potential |
|-----------------------------|--------------------|-----|-----------|
| Phenol, methylstyrenated    | 3.627              | -   | Low       |
| diethylmethylbenzenediamine | 14.7               | -   | High      |

#### 12.4 Mobility in soil

| Soil/water partition | : Not available. |
|----------------------|------------------|
| coefficient (Koc)    |                  |
| Mobility             | : Not available. |

### 12.5 Results of PBT and vPvB assessment

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

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

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# **SECTION 13: Disposal considerations**

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

| 13.1 Waste treatment metho | ods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Methods of disposal        | : The generation of waste should be avoided or minimised wherever possible.<br>Disposal of this product, solutions and any by-products should at all times comply<br>with the requirements of environmental protection and waste disposal legislation<br>and any regional local authority requirements. Dispose of surplus and non-<br>recyclable products via a licensed waste disposal contractor. Waste should not be<br>disposed of untreated to the sewer unless fully compliant with the requirements of<br>all authorities with jurisdiction. |
| Hazardous waste            | : Yes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

#### Waste catalogue

| Waste code | Waste designation                                                                 |
|------------|-----------------------------------------------------------------------------------|
| 08 01 11*  | waste paint and varnish containing organic solvents or other hazardous substances |
| Packaging  |                                                                                   |

#### Packaging

Methods of disposal

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

| Type of packaging   | Waste catalogue          |                                                                                                                                                                                                                                                                                                |  |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Container           | 15 01 06                 | mixed packaging                                                                                                                                                                                                                                                                                |  |
| Special precautions | taken wher<br>Empty cont | al and its container must be disposed of in a safe way. Care should be<br>handling emptied containers that have not been cleaned or rinsed out.<br>ainers or liners may retain some product residues. Avoid dispersal of<br>al and runoff and contact with soil, waterways, drains and sewers. |  |

# **SECTION 14: Transport information**

|                                    | ADR/RID         | ADN                                                                                                       | IMDG            | IATA            |
|------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 14.1 UN number                     | Not regulated.  | 9003                                                                                                      | Not regulated.  | Not regulated.  |
| 14.2 UN proper<br>shipping name    | -               | UBSTANCES WITH<br>A FLASH-POINT<br>ABOVE 60 °C AND<br>NOT MORE THAN<br>100 °C<br>(1,4-diazabicyclooctane) | -               | -               |
| 14.3 Transport<br>hazard class(es) | -               | 9                                                                                                         | -               | -               |
| 14.4 Packing<br>group              | -               | -                                                                                                         | -               | -               |
| 14.5<br>Environmental<br>hazards   | No.             | Yes.                                                                                                      | No.             | No.             |
| Marine pollutant substances        | Not applicable. | Not applicable.                                                                                           | Not applicable. | Not applicable. |

Additional information

**ADN** 

ADR/RID : None identified.

: The product is only regulated as a dangerous good when transported in tank vessels.

**IMDG** : None identified.

IATA : None identified.

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## **SECTION 14: Transport information**

| 14.6 Special precautions for | Transport within user's premises: always transport in closed containers that are                                          |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| user                         | upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |

14.7 Transport in bulk : Not available. according to IMO instruments

# **SECTION 15: Regulatory information**

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

### UK (GB)/REACH

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

**Ozone depleting substances** 

Not listed.

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

**Seveso Directive** 

This product is not controlled under the Seveso Directive.

### **SECTION 16: Other information**

Indicates information that has changed from previously issued version.

| Abbreviations and | : ATE = Acute Toxicity Estimate                                               |
|-------------------|-------------------------------------------------------------------------------|
| acronyms          | GB CLP = UK CLP (EC No 1272/2008) on the Classification, Labelling and        |
|                   | Packaging of Substances and Mixtures as amended by (EU Exit) Regulations 2019 |
|                   | No. 720 and amendments                                                        |
|                   | DMEL = Derived Minimal Effect Level                                           |
|                   | DNEL = Derived No Effect Level                                                |
|                   | EUH statement = GB CLP-specific Hazard statement                              |
|                   | N/A = Not available                                                           |
|                   | PBT = Persistent, Bioaccumulative and Toxic                                   |
|                   | PNEC = Predicted No Effect Concentration                                      |
|                   | RRN = REACH Registration Number                                               |
|                   | SGG = Segregation Group                                                       |
|                   | vPvB = Very Persistent and Very Bioaccumulative                               |

#### Procedure used to derive the classification

| Classification          | Justification      |  |
|-------------------------|--------------------|--|
| Skin Sens. 1, H317      | Calculation method |  |
| Aquatic Chronic 3, H412 | Calculation method |  |

Full text of abbreviated H statements

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| <b>SECTION 16: Other information</b>           |                                |                    |

| H302 | Harmful if swallowed.                                              |
|------|--------------------------------------------------------------------|
| H312 | Harmful in contact with skin.                                      |
| H315 | Causes skin irritation.                                            |
| H317 | May cause an allergic skin reaction.                               |
| H319 | Causes serious eye irritation.                                     |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life.                                        |
| H410 | Very toxic to aquatic life with long lasting effects.              |
| H412 | Harmful to aquatic life with long lasting effects.                 |

#### **Full text of classifications**

| Acute Tox. 4           | ACUTE TOXICITY - Category 4                                     |
|------------------------|-----------------------------------------------------------------|
| Aquatic Acute 1        | SHORT-TERM (ACUTE) AQUATIC HAZARD - Category 1                  |
| Aquatic Chronic 1      | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 1                 |
| Aquatic Chronic 3      | LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3                 |
| Eye Irrit. 2           | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2                  |
| Skin Irrit. 2          | SKIN CORROSION/IRRITATION - Category 2                          |
| Skin Sens. 1           | SKIN SENSITISATION - Category 1                                 |
| STOT RE 2              | SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2 |
| <u>History</u>         |                                                                 |
| Date of issue/ Date of | : 3 September 2024                                              |
| revision               |                                                                 |
| Date of previous issue | : 17 June 2024                                                  |
| Prepared by            | : EHS                                                           |

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: 1.03

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