# **SAFETY DATA SHEET**



Date of issue/Date of revision21 November 2023Version 3.01

| Section 1. Identification                                  |   |  |
|--|---|--|
| Product code   | : 00226569  |  |
| Product name   | : PPG AQUACOVER 400 BASE (TINTED)   |  |
| Product type   | : Liquid.   |  |
| Relevant identified uses o                                 | f the substance or mixture and uses advised against   |  |
| Product use  | Coating.<br>Professional applications, Used by spraying.  |  |
| Supplier's details   | : PPG Industries (Singapore) Pte. Ltd., No. 1 Tuas Basin Close, Singapore 638803.<br>Tel +65 68653737 |  |
| Emergency telephone<br>number (with hours of<br>operation) | : CHEMTREC +(65)-31581349 (CCN 17704)   |  |

## Section 2. Hazards identification

| Classification of the substance or mixture | :          | SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1<br>SKIN SENSITISATION - Category 1  |
|--|------------|--|
| GHS label elements, includir               | <u>ng </u> | orecautionary statements   |
| Hazard pictograms                          | :          |  |
| Signal word                                | :          | Danger   |
| Hazard statements                          | :          | May cause an allergic skin reaction.<br>Causes serious eye damage.   |
| Precautionary statements                   |            |  |
| Prevention                                 | :          | Wear protective gloves. Wear eye or face protection. Avoid breathing vapour.   |
| Response                                   | :          | Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. |
| Storage                                    | :          | Not applicable.  |
| Disposal                                   | :          | Not applicable.  |
|  |            |  |

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Product code 00226569

Product name PPG AQUACOVER 400 BASE (TINTED)

### Section 2. Hazards identification

Other hazards which do not : None known. result in classification

### Section 3. Composition/information on ingredients

Substance/mixture

Singapore

: Mixture

#### CAS number/other identifiers

| CAS number | : Not applicable. |
|------------|-------------------|
| EC number  | : Mixture.        |

| Ingredient name   | %          | CAS number  |
|---|------------|-------------|
| Decanedioic acid, compds. with 1,3-benzenedimethanamine-bisphenol A-<br>bisphenol A diglycidyl ether-diethylenetriamine glycidyl Ph ether reaction<br>product-epichlorohydrin-formaldehyde-propylene oxide- | 10 - <20   | 260549-92-6 |
| triethylenetetramine polymer  |            |             |
| Talc , not containing asbestiform fibres  | 5 - <10    | 14807-96-6  |
| aluminium dihydrogen triphosphate   | 3 - <5     | 13939-25-8  |
| zinc oxide  | 1 - <3     | 1314-13-2   |
| 2-butoxyethanol   | 0.1 - <0.3 | 111-76-2    |
| Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil  | 0.1 - <0.3 | 68082-29-1  |
| fatty acids and triethylenetetramine  |            |             |
| ammonia, anhydrous  | 0.1 - <0.3 | 7664-41-7   |

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 and hence require reporting in this section.

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

SUB codes represent substances without registered CAS Numbers.

### Section 4. First aid measures

English (GB)

| Description of necessary first aid measures |   |  |  |  |
|---|---|--|--|--|
| Eye contact                                 | <ul> <li>Check for and remove any contact lenses. Immediately flush eyes with running<br/>water for at least 15 minutes, keeping eyelids open. Seek immediate medical<br/>attention.</li> </ul>   |  |  |  |
|   | In case of accidental eye contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation or blistering occurs after contact.        |  |  |  |
| 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<br/>trained personnel.</li> </ul>  |  |  |  |
| Skin contact                                | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.  |  |  |  |
|   | In case of accidental skin contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation, rash or blistering occurs after contact. |  |  |  |
| Ingestion                                   | : If swallowed, seek medical advice immediately and show the container or label.<br>Keep person warm and at rest. Do NOT induce vomiting.   |  |  |  |

### Section 4. First aid measures

| Most important symptoms/e       | cts, acute and delayed  |  |
|---------------------------------|---|--|
| Potential acute health effe     |   |  |
| Eye contact                     | Causes serious eye damage.  |  |
| Inhalation                      | No known significant effects or critical hazards.   |  |
| Skin contact                    | : May cause an allergic skin reaction.  |  |
| Ingestion                       | No known significant effects or critical hazards.   |  |
| <u>Over-exposure signs/symp</u> | <u>ms</u>   |  |
| Eye contact                     | Adverse symptoms may include the following:<br>pain<br>watering<br>redness  |  |
| Inhalation                      | No specific data.   |  |
| Skin contact                    | Adverse symptoms may include the following:<br>pain or irritation<br>redness<br>blistering may occur  |  |
| Ingestion                       | Adverse symptoms may include the following: stomach pains   |  |
| Indication of immediate me      | al attention and special treatment needed, if necessary   |  |
| Notes to physician              | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.   |  |
| Specific treatments             | No specific treatment.  |  |
| Protection of first-aiders      | No action shall be taken involving any personal risk or without suitable training. If<br>is suspected that fumes are still present, the rescuer should wear an appropriate<br>mask or self-contained breathing apparatus. It may be dangerous to the person<br>providing aid to give mouth to mouth resuscitation. Wash contaminated elething |  |

#### See toxicological information (Section 11)

### Section 5. Firefighting measures

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|--|---|-----|
| Hazardous thermal decomposition products   | : Decomposition products may include the following materials:<br>carbon oxides<br>sulfur oxides<br>metal oxide/oxides |     |
| Specific hazards arising from the chemical | : In a fire or if heated, a pressure increase will occur and the container may burst.                                 |     |
| Unsuitable extinguishing media             | : None known.   |     |
| Suitable extinguishing media               | : Use an extinguishing agent suitable for the surrounding fire.   |     |
| Extinguishing media                        |   |     |

thoroughly with water before removing it, or wear gloves.

providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing

### Section 5. Firefighting measures

| Special protective actions<br>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

| Personal precautions, protect  | ve 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. Do not breathe vapour or mist.<br>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<br>information in Section 8 on suitable and unsuitable materials. See also the<br>information in "For non-emergency personnel".  |
|                                | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).  |
| Methods and material for cont  | ainment and cleaning up  |
| Small spill                    | : Stop leak if without risk. Move containers from spill area. Dilute with water and mop<br>up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry<br>material and place in an appropriate waste disposal container. Dispose of via a<br>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 7. Handling and storage

| Precautions for safe handle | ing   |
|-----------------------------|---|
| 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 breath vapour or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator 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 |

Section 13 for waste disposal.

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### Section 7. Handling and storage

residue and can be hazardous. Do not reuse container.

| Advice on general occupational hygiene                             | : | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.  |
|--|---|--|
| Conditions for safe storage,<br>including any<br>incompatibilities | - | Store between the following temperatures: 5 to 35°C (41 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. Store locked up. 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. |

### Section 8. Exposure controls/personal protection

#### Control parameters

#### **Occupational exposure limits**

| Ingredient name                                  | Exposure limits  |
|--|--|
| <b>₽</b> alc , not containing asbestiform fibres | Workplace Safety and Health Act<br>(Singapore, 2/2006).<br>PEL (long term): 2 mg/m <sup>3</sup> 8 hours.   |
| aluminium dihydrogen triphosphate                | Workplace Safety and Health Act<br>(Singapore, 2/2006). [Aluminium - Soluble<br>salts as Al]   |
| zinc oxide                                       | PEL (long term): 2 mg/m <sup>3</sup> , (Al) 8 hours.<br>Workplace Safety and Health Act<br>(Singapore, 2/2006).<br>PEL (long term): 10 mg/m <sup>3</sup> 8 hours. Form:<br>Dust<br>PEL (short term): 10 mg/m <sup>3</sup> 15 minutes.<br>Form: Fume<br>PEL (long term): 5 mg/m <sup>3</sup> 8 hours. Form:<br>Fume |
| 2-butoxyethanol                                  | Workplace Safety and Health Act<br>(Singapore, 2/2006).<br>PEL (long term): 121 mg/m <sup>3</sup> 8 hours.<br>PEL (long term): 25 ppm 8 hours.   |
| ammonia, anhydrous                               | Workplace Safety and Health Act<br>(Singapore, 2/2006). [Ammonia]<br>PEL (short term): 24 mg/m <sup>3</sup> 15 minutes.<br>PEL (short term): 35 ppm 15 minutes.<br>PEL (long term): 17 mg/m <sup>3</sup> 8 hours.<br>PEL (long term): 25 ppm 8 hours.  |

Product name PPG AQUACOVER 400 BASE (TINTED)

### Section 8. Exposure controls/personal protection

| Recommended monitoring procedures | :  | 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.   |  |
|-----------------------------------|--|---|--|
| Appropriate engineering controls  | :  | If user operations generate dust, fumes, gas, vapour or mist, use process<br>enclosures, local exhaust ventilation or other engineering controls to keep worker<br>exposure to airborne contaminants below any recommended or statutory limits.   |  |
| 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<br>equipment will be necessary to reduce emissions to acceptable levels.   |  |
| Individual protection measure     | <u>es</u>  |   |  |
| Hygiene measures                  | :  | Wash hands, forearms and face thoroughly after handling chemical products, before<br>eating, smoking and using the lavatory and at the end of the working period.<br>Appropriate techniques should be used to remove potentially contaminated clothing.<br>Contaminated work clothing should not be allowed out of the workplace. Wash<br>contaminated clothing before reusing. Ensure that eyewash stations and safety<br>showers are close to the workstation location. |  |
| Eye/face protection               | :  | Chemical splash goggles and face shield.  |  |
| Skin protection                   |  |   |  |
| Hand protection                   | : Chemical-resistant, impervious gloves complying with an approved standard she worn at all times when handling chemical products if a risk assessment indit this is necessary. Considering the parameters specified by the glove manufact 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 several substances, the protection time of the gloves cannot be accurately estimated. |   |  |
| Gloves                            | :  | polyethylene butyl rubber   |  |
| Body protection                   | :  | Personal protective equipment for the body should be selected based on the task<br>being performed and the risks involved and should be approved by a specialist<br>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.                                      |  |

### Section 9. Physical and chemical properties

| Physical state            | : | Liquid.  |  |  |
|---------------------------|---|--|--|--|
| Colour                    | : | Various  |  |  |
| Odour                     | : | Amine-like.  |  |  |
| рН                        | : | ₿ <sup>′</sup>   |  |  |
| Boiling point             | : | >37.78°C (>100°F)  |  |  |
| Flash point               | : | Closed cup: Not applicable.                                  |  |  |
| Evaporation rate          | : | Not available.   |  |  |
| Flammability (solid, gas) | : | liquid   |  |  |
| Vapour pressure           | : | Ħ́ghest known value: 2.3 kPa (17.5 mm Hg) (at 20°C) (water). |  |  |
| Relative density          | : | 1.41   |  |  |
|                           |   | Media Result   |  |  |
| Solubility(ies)           | - | cold water Partially soluble                                 |  |  |
| Auto-ignition temperature | : | Not available.   |  |  |
| Viscosity                 | : | Kinematic (40°C (104°F)): >21 mm²/s (>21 cSt)                |  |  |
| Viscosity                 | : | > 100 s (ISO 6mm)  |  |  |

### Section 10. Stability and reactivity

| Reactivity                         | : No specific test data related to reactivity available for this product or its ingredients.  |
|------------------------------------|---|
| Chemical stability                 | : The product is stable.  |
| Possibility of hazardous reactions | : Under normal conditions of storage and use, hazardous reactions will not occur.   |
| Conditions to avoid                | : When exposed to high temperatures may produce hazardous decomposition products.   |
| Incompatible materials             | : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.                            |
| Hazardous decomposition products   | <ul> <li>Depending on conditions, decomposition products may include the following<br/>materials: carbon oxides sulfur oxides metal oxide/oxides</li> </ul> |

### Section 11. Toxicological information

Information on toxicological effects Acute toxicity

### Section 11. Toxicological information

| Product/ingredient name   | Result  | Species           | Dose                              | Exposure                |
|---|---|-------------------|-----------------------------------|-------------------------|
| aluminium dihydrogen triphosphate   | LD50 Oral   | Rat               | >2000 mg/kg                       | -                       |
| zinc oxide  | LC50 Inhalation Dusts and mists                           | Rat               | >5700 mg/m <sup>3</sup>           | 4 hours                 |
|   | LD50 Dermal   | Rat               | >2000 mg/kg                       | -                       |
|   | LD50 Oral   | Rat               | >5000 mg/kg                       | -                       |
| 2-butoxyethanol   | LC50 Inhalation Vapour                                    | Rat               | 3 mg/l                            | 4 hours                 |
| -   | LD50 Dermal   | Rat               | >2000 mg/kg                       | -                       |
|   | LD50 Oral   | Rat               | 1200 mg/kg                        | -                       |
| Fatty acids, C18-unsatd.,<br>dimers, oligomeric reaction<br>products with tall-oil fatty<br>acids and<br>triethylenetetramine | LD50 Dermal   | Rat               | >2000 mg/kg                       | -                       |
| ,   | LD50 Oral   | Rat               | >2000 mg/kg                       | -                       |
| ammonia, anhydrous  | LC50 Inhalation Gas.<br>LC50 Inhalation Gas.<br>LD50 Oral | Rat<br>Rat<br>Rat | 9500 ppm<br>2000 ppm<br>0.35 g/kg | 1 hours<br>4 hours<br>- |

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

| Product/ingredient name   | Result                                      | Species          | Score | Exposure            | Observation        |
|---|---|------------------|-------|---------------------|--------------------|
| 2-butoxyethanol   | Eyes - Irritant<br>Skin - Moderate irritant | Rabbit<br>Rabbit | -     | 24 hours<br>4 hours | 21 days<br>28 days |
| Fatty acids, C18-unsatd.,<br>dimers, oligomeric reaction<br>products with tall-oil fatty<br>acids and<br>triethylenetetramine | Eyes - Severe irritant                      | Rabbit           | -     | -                   | -                  |
|   | Skin - Irritant                             | Human            | -     | -                   | -                  |

**Conclusion/Summary** 

Skin : There are no data available on the mixture itself.

- **Eyes** : There are no data available on the mixture itself.
- **Respiratory** : There are no data available on the mixture itself.

#### Sensitisation

| Product/ingredient name  | Route of exposure | Species                | Result          |
|--|-------------------|------------------------|-----------------|
| Atty acids, C18-unsatd.,<br>dimers, oligomeric reaction<br>products with tall-oil fatty<br>acids and<br>triethylenetetramine | skin              | Mouse                  | Sensitising     |
| Conclusion/Summary   |                   | to oveilable on the mi | de une ide e la |

Skin

: There are no data available on the mixture itself.

Respiratory

: There are no data available on the mixture itself.

#### **Mutagenicity**

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### Section 11. Toxicological information

| Conclusion/Summary        | : There are no data available on the mixture itself. |
|---------------------------|--|
| <b>Carcinogenicity</b>    |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |
| Reproductive toxicity     |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |
| <b>Teratogenicity</b>     |  |
| <b>Conclusion/Summary</b> | : There are no data available on the mixture itself. |
| Specific target organ to  | ticity (sinale exposure)                             |

| Name                                     |            | Route of<br>exposure | Target organs                |
|--|------------|----------------------|------------------------------|
| Talc , not containing asbestiform fibres | Category 3 |                      | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

### Information on likely routes : Not available.

#### of exposure

Potential acute health effectsEye contact: Causes serious eye damage.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 physical, chemical and toxicological characteristics

| Eye contact<br>Inhalation | <ul> <li>Adverse symptoms may include the following:<br/>pain<br/>watering<br/>redness</li> <li>No specific data.</li> </ul> |
|---------------------------|--|
| Skin contact              | : Adverse symptoms may include the following:<br>pain or irritation<br>redness<br>blistering may occur                       |
| Ingestion                 | : Adverse symptoms may include the following: stomach pains  |

#### <u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u> <u>Short term exposure</u>

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### Section 11. Toxicological information

| Potential immediate<br>effects | : Not available.  |
|--------------------------------|---|
| Potential delayed effects      | : Not available.  |
| Long term exposure             |   |
| Potential immediate effects    | : Not available.  |
| Potential delayed effects      | : Not available.  |
| Potential chronic health eff   | <u>ects</u>   |
| 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.   |

#### Numerical measures of toxicity

| Route | ATE value                    |
|-------|------------------------------|
|       | 959506.09 ppm<br>187.59 mg/l |

#### Other information

Sanding and grinding dusts may be harmful if inhaled. Acrylate components of the mixture have irritating properties. Prolonged or repeated contact with skin or mucous membrane may result in irritation symptoms, such as redness, blistering, dermatitis etc. May cause allergic skin reactions with repeated exposure. The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract. Ingestion may cause nausea, weakness and central nervous system effects. In case of accidental skin contact, avoid direct exposure to the sun or other sources of UV light as severe irritation including burns may result. These reactions can be delayed – get medical attention if pain, irritation, rash or blistering occurs after contact.

### Section 12. Ecological information

#### **Toxicity**

| Product/ingredient name   | Result                              | Species                                     | Exposure |
|---|-------------------------------------|---|----------|
| zinc oxide  | Acute EC50 0.17 mg/l                | Algae                                       | 72 hours |
|   | Acute EC50 0.481 mg/l Fresh water   | Daphnia - <i>Daphnia magna</i> -<br>Neonate | 48 hours |
|   | Chronic NOEC 0.017 mg/l Fresh water | Algae                                       | 72 hours |
| 2-butoxyethanol   | Acute LC50 1474 mg/l                | Fish  | 96 hours |
|   | Chronic NOEC >100 mg/l              | Fish  | 21 days  |
| Fatty acids, C18-unsatd.,<br>dimers, oligomeric reaction<br>products with tall-oil fatty<br>acids and<br>triethylenetetramine | EC10 1.78 mg/l                      | Algae                                       | 72 hours |

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### Section 12. Ecological information

Conclusion/Summary

: There are no data available on the mixture itself.

#### Persistence/degradability

**Conclusion/Summary** 

: There are no data available on the mixture itself.

| Product/ingredient name  | Aquatic half-life | Photolysis | Biodegradability       |
|--|-------------------|------------|------------------------|
| Dutoxyethanol<br>Fatty acids, C18-unsatd.,<br>dimers, oligomeric reaction<br>products with tall-oil fatty<br>acids and<br>triethylenetetramine | -                 |            | Readily<br>Not readily |

#### **Bioaccumulative potential**

| Product/ingredient name | LogPow | BCF | Potential |
|-------------------------|--------|-----|-----------|
| 2-butoxyethanol         | 0.81   | -   | Low       |

| <u>Mobility in soil</u>                   |                  |
|---|------------------|
| Soil/water partition<br>coefficient (Koc) | : Not available. |

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

### Section 13. Disposal considerations

| Disposal methods | : 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 and<br>any regional local authority requirements. Dispose of surplus and non-recyclable<br>products via a licensed waste disposal contractor. Waste should not be disposed of<br>untreated to the sewer unless fully compliant with the requirements of all authorities<br>with jurisdiction. Waste packaging should be recycled. Incineration or landfill<br>should only be considered when recycling is not feasible. This material and its<br>container must be disposed of in a safe way. Care should be taken when handling<br>emptied containers that have not been cleaned or rinsed out. Empty containers or<br>liners may retain some product residues. Avoid dispersal of spilt material and runoff |
|------------------|---|
|                  | liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.  |

### Section 14. Transport information

### Section 14. Transport information

|                               | UN              | IMDG            | IATA            |
|-------------------------------|-----------------|-----------------|-----------------|
| UN number                     | Not regulated.  | Not regulated.  | Not regulated.  |
| UN proper<br>shipping name    | -               | -               | -               |
| Transport hazard<br>class(es) | -               | -               | -               |
| Packing group                 | -               | -               | -               |
| Environmental<br>hazards      | No.             | No.             | No.             |
| Marine pollutant substances   | Not applicable. | Not applicable. | Not applicable. |

#### Additional information

| UN   | : None identified. |
|------|--------------------|
| IMDG | : None identified. |
| ΙΑΤΑ | : None identified. |

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

Transport in bulk according : Not applicable. to IMO instruments

### Section 15. Regulatory information

Singapore - hazardous chemicals under government control

International regulations Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Section 16. Other information

| <u>History</u>                 |  |
|--------------------------------|--|
| Date of issue/Date of revision | : 21 November 2023   |
| Date of previous issue         | : 8/26/2021  |
| Version                        | : 3.01   |
| Prepared by                    | : EHS  |
| Key to abbreviations           | <ul> <li>ATE = Acute Toxicity Estimate<br/>BCF = Bioconcentration Factor<br/>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br/>IATA = International Air Transport Association<br/>IBC = Internediate Bulk Container<br/>IMDG = International Maritime Dangerous Goods<br/>LogPow = logarithm of the octanol/water partition coefficient<br/>MARPOL = International Convention for the Prevention of Pollution From Ships,<br/>1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br/>UN = United Nations</li> </ul> |

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

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