

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET OSMOS CABINET GLASSWASH

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

#### 1.1. Product identifier

|                         |                         |
|-------------------------|-------------------------|
| Product name            | OSMOS CABINET GLASSWASH |
| Internal identification | OSM-CG-2X5              |
| Container size          | 2x5L                    |

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

|                 |                |
|-----------------|----------------|
| Identified uses | Glass cleaner. |
|-----------------|----------------|

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

|          |   |
|----------|---|
| Supplier | Cleenol Group Ltd<br>Neville House<br>Beaumont Road<br>Banbury<br>Oxon OX16 1RB<br>UK<br>Tel: +44 (0)1295 251721<br>sales@cleenol.co.uk |
|----------|---|

#### 1.4. Emergency telephone number

|                     |   |
|---------------------|---|
| Emergency telephone | In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only). |
|---------------------|---|

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

|                       |                     |
|-----------------------|---------------------|
| Physical hazards      | Not Classified      |
| Health hazards        | Eye Irrit. 2 - H319 |
| Environmental hazards | Not Classified      |

#### 2.2. Label elements

##### Hazard pictograms



|             |         |
|-------------|---------|
| Signal word | Warning |
|-------------|---------|

|                   |                                     |
|-------------------|-------------------------------------|
| Hazard statements | H319 Causes serious eye irritation. |
|-------------------|-------------------------------------|

|                          |   |
|--------------------------|---|
| Precautionary statements | P264 Wash contaminated skin thoroughly after handling.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 If eye irritation persists: Get medical advice/ attention. |
|--------------------------|---|

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### 2.3. Other hazards

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

### 3.2. Mixtures

|  |                      |
|--|----------------------|
| (1-hydroxyethylidene)bisphosphonic acid, sodium salt | 10-30%               |
| CAS number: 29329-71-3                               | EC number: 249-559-4 |
| <b>Classification</b>                                |                      |
| Acute Tox. 4 - H302                                  |                      |
| Eye Irrit. 2 - H319                                  |                      |

The full text for all hazard statements is displayed in Section 16.

#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Unlikely route of exposure as the product does not contain volatile substances. No special treatment required.   |
| <b>Ingestion</b>    | Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested.                                    |
| <b>Skin contact</b> | Wash with plenty of water. Get medical attention if any discomfort continues.  |
| <b>Eye contact</b>  | Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if irritation persists after washing. |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Considered to be a low inhalation hazard at normal workplace temperatures. |
| <b>Ingestion</b>    | No adverse effects known.  |
| <b>Skin contact</b> | No adverse effects known.  |
| <b>Eye contact</b>  | Causes serious eye irritation.   |

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
| <b>Specific treatments</b>  | Treat symptomatically.       |

#### SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media</b> | None known.   |

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

|                                      |  |
|--------------------------------------|--|
| <b>Specific hazards</b>              | None known.  |
| <b>Hazardous combustion products</b> | Thermal decomposition or combustion products may include the following substances:<br>Irritating gases or vapours. |

### 5.3. Advice for firefighters

|   |  |
|---|--|
| <b>Protective actions during firefighting</b> | Avoid breathing fire gases or vapours. |
|---|--|

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**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials. Firefighter's clothing will provide a basic level of protection for chemical incidents.

### SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with eyes and prolonged skin contact. Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge to the aquatic environment.

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

**Methods for cleaning up** Absorb in vermiculite, dry sand or earth and place into containers. Dispose of contents/container in accordance with local regulations. Flush contaminated area with plenty of water.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with eyes and prolonged skin contact. Avoid breathing spray.

**Advice on general occupational hygiene** Wash hands thoroughly after handling.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Unspecified storage.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** No specific ventilation requirements.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn.

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|                               |   |
|-------------------------------|---|
| <b>Hand protection</b>        | No specific requirements are anticipated under normal conditions of use. For users with sensitive skin, it is recommended that suitable protective gloves are worn. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. |
| <b>Hygiene measures</b>       | Wash hands thoroughly after handling.   |
| <b>Respiratory protection</b> | No specific requirements are anticipated under normal conditions of use.  |

### SECTION 9: Physical and chemical properties

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

|  |   |
|--|---|
| <b>Appearance</b>                      | Clear liquid.   |
| <b>Colour</b>                          | Colourless.   |
| <b>Odour</b>                           | Odourless.  |
| <b>pH</b>                              | pH (concentrated solution): 11 - 12                         |
| <b>Initial boiling point and range</b> | 100°C @ 760 mm Hg   |
| <b>Flash point</b>                     | Not applicable.   |
| <b>Relative density</b>                | ~ 1.094 @ 20°C  |
| <b>Solubility(ies)</b>                 | Soluble in water.   |
| <b>Auto-ignition temperature</b>       | Not applicable.   |
| <b>Decomposition Temperature</b>       | Not determined.   |
| <b>Viscosity</b>                       | Non-viscous.  |
| <b>Explosive properties</b>            | Not applicable.   |
| <b>Oxidising properties</b>            | Does not meet the criteria for classification as oxidising. |

#### 9.2. Other information

|                                  |  |
|----------------------------------|--|
| <b>Refractive index</b>          | 21 - 23  |
| <b>Volatile organic compound</b> | This product contains a maximum VOC content of <0.1 %. |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

#### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---|

#### 10.3. Possibility of hazardous reactions

|   |  |
|---|--|
| <b>Possibility of hazardous reactions</b> | Under normal conditions of storage and use, no hazardous reactions will occur. |
|---|--|

#### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | There are no known conditions that are likely to result in a hazardous situation. |
|----------------------------|---|

#### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|--|

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### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 4,608.29

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

**Inhalation** No specific symptoms known.

**Ingestion** No specific symptoms known. May cause discomfort.

**Skin contact** Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation.

**Eye contact** Causes serious eye irritation.

### **SECTION 12: Ecological information**

**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

#### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## OSMOS CABINET GLASSWASH

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### SECTION 15: Regulatory information

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

**National regulations** The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |   |
|----------------------------------|---|
| <b>Revision date</b>             | 04/10/2021  |
| <b>Revision</b>                  | 15  |
| <b>Supersedes date</b>           | 27/04/2021  |
| <b>SDS number</b>                | 10042   |
| <b>Hazard statements in full</b> | H302 Harmful if swallowed.<br>H319 Causes serious eye irritation. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.