



**CLEENOL**  
For every job

## SAFETY DATA SHEET

### Universal Dishwasher & Glasswasher Rinseaid

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

##### 1.1. Product identifier

**Product name** Universal Dishwasher & Glasswasher Rinseaid  
**Internal identification** 0208UDG  
**Container size** 2x5L

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

**Identified uses** Prevents build-up of scale during the final rinse stage of the dishwashing cycle to give a streak-free, sparkling finish to crockery after drying.

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

**Supplier** Cleenol Group Ltd  
 Neville House  
 Beaumont Road  
 Banbury  
 Oxon OX16 1RB  
 UK  
 Tel: +44 (0)1295 251721  
 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 in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

##### 2.2. Label elements

**Hazard statements** NC Not Classified  
**Detergent labelling** Contains BRONOPOL (INN)

##### 2.3. Other hazards

## Universal Dishwasher & Glasswasher Rinseaid

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

|   |             |
|---|-------------|
| <b>ALCOHOLS, C9-11, C10-rich, ETHOXYLATED<br/>PROPOXYLATED</b><br>CAS number: 154518-36-2 | <b>1-5%</b> |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>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.                                  |
| <b>Ingestion</b>    | 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. No special treatment required.  |
| <b>Eye contact</b>  | Wash with plenty of water. No special treatment required.  |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature. |
| <b>Ingestion</b>    | May be harmful if swallowed.   |
| <b>Skin contact</b> | No adverse effects known.  |
| <b>Eye contact</b>  | No adverse effects known.  |

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

|                             |                              |
|-----------------------------|------------------------------|
| <b>Notes for the doctor</b> | No specific recommendations. |
|-----------------------------|------------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** None known.

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) 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** Take care as floors and other surfaces may become slippery. Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

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**Environmental precautions** Not regarded as dangerous for the environment.

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

**Methods for cleaning up** Flush away spillage with plenty of water.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling.

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

**Storage precautions** Keep only in the original container. Store at temperatures between 0°C and 40°C.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

#### **Protective equipment**

**Appropriate engineering controls** Not applicable.

**Eye/face protection** No specific eye protection required during normal use.

**Hand protection** No specific requirements are anticipated under normal conditions of use.

**Respiratory protection** Not applicable.

## SECTION 9: Physical and chemical properties

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

**Appearance** Clear liquid.

**Colour** Blue.

**Odour** Odourless.

**pH** Neutral.

**Initial boiling point and range** 100°C

**Flash point** Not applicable.

**Relative density** ~ 1.001

**Solubility(ies)** Soluble in water.

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|                                  |   |
|----------------------------------|---|
| <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>          | 3 - 5  |
| <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> | No test data specifically related to reactivity available for this product or its ingredients. |
|-------------------|--|

### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|--|

### 10.3. Possibility of hazardous reactions

|   |  |
|---|--|
| <b>Possibility of hazardous reactions</b> | None known. Under normal conditions of storage and use, no hazardous reactions will occur. |
|---|--|

### 10.4. Conditions to avoid

|                            |  |
|----------------------------|--|
| <b>Conditions to avoid</b> | No specific requirements are anticipated under normal conditions of use. |
|----------------------------|--|

### 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. |
|---------------------------|--|

### 10.6. Hazardous decomposition products

|   |  |
|---|--|
| <b>Hazardous decomposition products</b> | No known hazardous decomposition products. Does not decompose when used and stored as recommended. |
|---|--|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                              |   |
|------------------------------|---|
| <b>Toxicological effects</b> | Information given is based on data of the components and of similar products. |
|------------------------------|---|

### Acute toxicity - inhalation

|  |       |
|--|-------|
| <b>ATE inhalation (dusts/mists mg/l)</b> | 588.0 |
|--|-------|

|                            |                                   |
|----------------------------|-----------------------------------|
| <b>General information</b> | No specific health hazards known. |
|----------------------------|-----------------------------------|

## SECTION 12: Ecological information

|                    |   |
|--------------------|---|
| <b>Ecotoxicity</b> | No negative effects on the aquatic environment are known. |
|--------------------|---|

### 12.1. Toxicity

#### Ecological information on ingredients.

### BRONOPOL (INN)

#### Acute aquatic toxicity

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|                           |                                  |
|---------------------------|----------------------------------|
| <b>LE(C)<sub>50</sub></b> | 0.01 < L(E)C <sub>50</sub> ≤ 0.1 |
| <b>M factor (Acute)</b>   | 10                               |

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No potential for bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 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.

## 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

## Universal Dishwasher & Glasswasher Rinseaid

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

**EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

**Guidance**

EH40/2005 Workplace exposure limits  
Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)  
Health and Safety Executive

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |   |
|----------------------------------|---|
| <b>Issued by</b>                 | Regulatory Chemist  |
| <b>Revision date</b>             | 08/03/2021  |
| <b>Revision</b>                  | 15  |
| <b>Supersedes date</b>           | 03/03/2021  |
| <b>SDS number</b>                | 21486   |
| <b>Hazard statements in full</b> | H315 Causes skin irritation.<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.