

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET LIQUID TOILET CLEANER

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

#### 1.1. Product identifier

Product name LIQUID TOILET CLEANER

Internal identification 082942X5, 082939/12

Container size 2x5L, 12x750ml

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

Identified uses Cleaning agent. Descaler.

#### 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 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word Warning

Hazard statements  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

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|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautionary statements</b>               | <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> |
| <b>Supplementary precautionary statements</b> | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>                                                                                                                                                                                                            |

### 2.3. Other hazards

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

##### 3.2. Mixtures

|                                                                                                                            |                        |                                                  |              |
|----------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|--------------|
| <b>PHOSPHORIC ACID ... 65%</b>                                                                                             |                        |                                                  | <b>5-10%</b> |
| CAS number: 7664-38-2                                                                                                      | EC number: 231-633-2   |                                                  |              |
| <b>Classification</b><br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318                                                         |                        |                                                  |              |
| <b>2,2'-(OCTADEC-9-ENYLIMINO) BISETHANOL</b>                                                                               |                        |                                                  | <b>1-5%</b>  |
| CAS number: 25307-17-9                                                                                                     | EC number: 246-807-3   | REACH registration number: 01-2119510876-35-XXXX |              |
| M factor (Acute) = 10                                                                                                      | M factor (Chronic) = 1 |                                                  |              |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1A - H314<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |                        |                                                  |              |

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>    | Do not induce vomiting unless under the direction of medical personnel. Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Get medical attention if a large quantity has been ingested. |
| <b>Skin contact</b> | Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if symptoms are severe or persist after washing.                                                                                                                                                  |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.                                                                                                    |

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

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Inhalation   | Considered to be a low inhalation hazard at normal workplace temperatures. |
| Ingestion    | No specific symptoms known. May be harmful if swallowed.                   |
| Skin contact | Causes skin irritation.                                                    |
| Eye contact  | Causes serious eye irritation.                                             |

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

|                      |                              |
|----------------------|------------------------------|
| Notes for the doctor | No specific recommendations. |
| Specific treatments  | Treat symptomatically.       |

## 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. |
| Unsuitable extinguishing media | None known.                                                                                   |

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

|                  |                                                                                                                    |
|------------------|--------------------------------------------------------------------------------------------------------------------|
| Specific hazards | Thermal decomposition or combustion products may include the following substances:<br>Irritating gases or vapours. |
|------------------|--------------------------------------------------------------------------------------------------------------------|

### 5.3. Advice for firefighters

|                                               |                                                                                                                                                                       |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective actions during firefighting        | No specific firefighting precautions known.                                                                                                                           |
| Special protective equipment for firefighters | Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## SECTION 6: Accidental release measures

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

|                      |                                                                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions | Avoid contact with eyes and prolonged skin contact. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery. Wash thoroughly after dealing with a spillage. |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2. Environmental precautions

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| Environmental precautions | Harmful to aquatic life with long lasting effects. 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. Flush contaminated area with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Discharge of small quantities to the sewer with plenty of water may be permitted. |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.4. Reference to other sections

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Reference to other sections | For personal protection, see Section 8. |
|-----------------------------|-----------------------------------------|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                   |                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Usage precautions | For professional users only. Avoid contact with eyes and prolonged skin contact. Do not breathe spray. Avoid spilling. Avoid release to the environment. |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

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**Advice on general occupational hygiene** Wash contaminated skin thoroughly after handling.

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

**Storage precautions** Store in tightly-closed, original container. Keep containers upright. Store at room temperature. Protect from freezing and direct sunlight.

**Storage class** Chemical 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

#### Occupational exposure limits

#### PHOSPHORIC ACID ... 65%

Long-term exposure limit (8-hour TWA): WEL 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

### 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 for eye and face protection should comply with European Standard EN166.

**Hand protection** No specific requirements are anticipated under normal conditions of use. For users with sensitive skin, it is recommended that suitable protective gloves are worn. Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. Polyvinyl chloride (PVC). To protect hands from chemicals, gloves should comply with European Standard EN374.

**Hygiene measures** Wash contaminated skin thoroughly after handling.

**Respiratory protection** 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

**Appearance** Liquid.

**Colour** Blue.

**Odour** Characteristic.

**pH** pH (concentrated solution): <2

**Initial boiling point and range** 100°C @ 760 mm Hg

**Flash point** Not applicable.

**Relative density** 1.04 @ 20°C

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|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| <b>Solubility(ies)</b>      | Soluble in water.                                           |
| <b>Viscosity</b>            | 350 - 450 cP @ 20°C                                         |
| <b>Oxidising properties</b> | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| <b>Refractive index</b>          | 8 - 10                                               |
| <b>Volatile organic compound</b> | This product contains a maximum VOC content of <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> | None known. |
|-------------------------------------------|-------------|

### 10.4. Conditions to avoid

|                            |                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Conditions to avoid</b> | No specific requirements are anticipated under normal conditions of use. Avoid excessive heat for prolonged periods of time. |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------|

### 10.5. Incompatible materials

|                           |                                                                               |
|---------------------------|-------------------------------------------------------------------------------|
| <b>Materials to avoid</b> | Avoid contact with the following materials: Strong alkalis. Oxidising agents. |
|---------------------------|-------------------------------------------------------------------------------|

### 10.6. Hazardous decomposition products

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| <b>Hazardous decomposition products</b> | No known hazardous decomposition products. |
|-----------------------------------------|--------------------------------------------|

## 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 - oral

|                         |           |
|-------------------------|-----------|
| <b>ATE oral (mg/kg)</b> | 27,777.78 |
|-------------------------|-----------|

#### Skin corrosion/irritation

|                                  |                         |
|----------------------------------|-------------------------|
| <b>Skin corrosion/Irritation</b> | Causes skin irritation. |
|----------------------------------|-------------------------|

|                   |     |
|-------------------|-----|
| <b>Extreme pH</b> | ≤ 2 |
|-------------------|-----|

#### Serious eye damage/irritation

|                                      |                                |
|--------------------------------------|--------------------------------|
| <b>Serious eye damage/irritation</b> | Causes serious eye irritation. |
|--------------------------------------|--------------------------------|

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| <b>Inhalation</b> | Considered to be a low inhalation hazard at normal workplace temperatures. |
|-------------------|----------------------------------------------------------------------------|

|                  |                              |
|------------------|------------------------------|
| <b>Ingestion</b> | May be harmful if swallowed. |
|------------------|------------------------------|

|                     |                         |
|---------------------|-------------------------|
| <b>Skin contact</b> | Causes skin irritation. |
|---------------------|-------------------------|

|                    |                                |
|--------------------|--------------------------------|
| <b>Eye contact</b> | Causes serious eye irritation. |
|--------------------|--------------------------------|

|                          |                         |
|--------------------------|-------------------------|
| <b>Route of exposure</b> | Skin and/or eye contact |
|--------------------------|-------------------------|

## LIQUID TOILET CLEANER

### SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

#### 12.1. Toxicity

**Toxicity** Harmful to Aquatic Organisms

#### Ecological information on ingredients.

##### 2,2'-(OCTADEC-9-ENYLIMINO) BISETHANOL

##### Acute aquatic toxicity

**LE(C)<sub>50</sub>** 0.01 < L(E)C<sub>50</sub> ≤ 0.1

**M factor (Acute)** 10

##### Chronic aquatic toxicity

**M factor (Chronic)** 1

#### 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.

### 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.

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### 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

#### 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).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (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

|                 |            |
|-----------------|------------|
| Revision date   | 13/05/2021 |
| Revision        | 16         |
| Supersedes date | 05/05/2021 |
| SDS number      | 10201      |

## LIQUID TOILET CLEANER

**Hazard statements in full**

H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
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.

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.