

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET PDCB FREE TOILET CUBES

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

#### 1.1. Product identifier

Product name	PDCB FREE TOILET CUBES
Internal identification	082902
Container size	3kg

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

Identified uses	Toilet cleaner.
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#### 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
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#### 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).
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### 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 Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
Hazard statements	EUH208 Contains Cineole, d-LIMONENE, PIN-2(3)-ENE, CITRAL. May produce an allergic reaction. H315 Causes skin irritation. H318 Causes serious eye damage. 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>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> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p>
<b>Contains</b>	SODIUM DODECYL BENZENE SULPHONATE
<b>Detergent labelling</b>	Contains d-LIMONENE, CITRAL
<b>Supplementary precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</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>SODIUM DODECYL BENZENE SULPHONATE</b>	<b>10-30%</b>
CAS number: 68411-30-3                      EC number: 270-115-0                      REACH registration number: 01-2119489428-22-XXXX	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>SODIUM CARBONATE</b>	<b>1-5%</b>
CAS number: 497-19-8                      EC number: 207-838-8	
<b>Classification</b> Eye Irrit. 2 - H319	
<b>d-LIMONENE</b>	<b>&lt;1%</b>
CAS number: 5989-27-5                      EC number: 227-813-5 M factor (Acute) = 1	
<b>Classification</b> Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

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<b>Cineole</b>	<b>&lt;1%</b>
CAS number: 470-82-6	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Skin Sens. 1B - H317	
<b>PIN-2(3)-ENE</b>	<b>&lt;1%</b>
CAS number: 80-56-8	
EC number: 201-291-9	
M factor (Acute) = 1	
M factor (Chronic) = 1	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Skin Sens. 1B - H317	
Asp. Tox. 1 - H304	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	
<b>CITRAL</b>	<b>&lt;1%</b>
CAS number: 5392-40-5	
EC number: 226-394-6	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	

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>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash with plenty of water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	The product is not believed to present a hazard due to its physical nature.
<b>Ingestion</b>	No adverse effects known. May be harmful if swallowed.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye damage.

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

<b>Notes for the doctor</b>	No specific recommendations.
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**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. Water spray, foam, dry powder or carbon dioxide.

**Unsuitable extinguishing media**                      None known.

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

**Specific hazards**                              Toxic gases or vapours.

#### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Fight fire with normal precautions from a reasonable distance.

**Special protective equipment for firefighters**    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 skin and eyes. Provide adequate ventilation.

#### 6.2. Environmental precautions

**Environmental precautions**                      Avoid release to the environment.

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

**Methods for cleaning up**                      Collect spillage with a shovel and broom, or similar and reuse, if possible.

#### 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 skin and eyes. Provide adequate ventilation.

**Advice on general occupational hygiene**                      Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not smoke in work area.

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

**Storage precautions**                              Keep only in the original container in a cool, well-ventilated place.

**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.

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### 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** Provide adequate ventilation.

**Eye/face protection** Wear eye protection.

**Hand protection** Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.

**Hygiene measures** No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

**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** Solid.

**Colour** Yellow.

**Odour** Lemon.

**pH** pH (diluted solution): 8 ( $\geq 1\%$ )

**Flash point** Not applicable.

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

**Viscosity** Not applicable.

**Explosive properties** Not applicable.

**Oxidising properties** Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

**Other information** No further information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

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### 10.4. Conditions to avoid

**Conditions to avoid**                    There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid**                    No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 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)**                    2,500.0

#### Skin corrosion/irritation

**Skin corrosion/irritation**               Causes skin irritation.

#### Serious eye damage/irritation

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

#### Inhalation

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

#### Ingestion

May be harmful if swallowed.

#### Skin contact

Causes skin irritation.

#### Eye contact

Causes serious eye damage.

## SECTION 12: Ecological information

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

### 12.1. Toxicity

**Toxicity**                                    Harmful to Aquatic Organisms

### 12.2. Persistence and degradability

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

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**            The product is not 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.

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### 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 product or used containers in accordance with local regulations

### 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

##### 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 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (as amended).  
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).

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).

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

<b>Issued by</b>	Regulatory Chemist
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<b>Revision</b>	10
<b>Supersedes date</b>	04/06/2020
<b>SDS number</b>	10551
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. 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. EUH208 Contains Cineole, d-LIMONENE, PIN-2(3)-ENE, CITRAL. May produce an allergic reaction.

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.