

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET CRYSTALBRITE LOW TEMP LAUNDRY OXY STAIN REMOVER

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

#### 1.1. Product identifier

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Product name            | CRYSTALBRITE LOW TEMP LAUNDRY OXY STAIN REMOVER |
| Internal identification | CRLTD/10                                        |
| Container size          | 10L                                             |

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

|                 |                               |
|-----------------|-------------------------------|
| Identified uses | Disinfectant. Cleaning agent. |
|-----------------|-------------------------------|

#### 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 (EC 1272/2008)

|                       |                   |
|-----------------------|-------------------|
| Physical hazards      | Not Classified    |
| Health hazards        | Eye Dam. 1 - H318 |
| Environmental hazards | Not Classified    |

#### 2.2. Label elements

##### Hazard pictograms



|                          |                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word              | Danger                                                                                                                                                                                                                                                                                  |
| Hazard statements        | H318 Causes serious eye damage.                                                                                                                                                                                                                                                         |
| Precautionary statements | 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>P310 Immediately call a POISON CENTER/ doctor. |
| Contains                 | 6-(PHTHALIMIDO)PEROXYHEXANOIC ACID (PAP)                                                                                                                                                                                                                                                |

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### 2.3. Other hazards

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

#### 3.2. Mixtures

|                                                                                                                                              |             |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>6-(PHthalimido)PERoxyHEXANOIC ACID (PAP)</b><br>CAS number: 128275-31-0                      EC number: 410-850-8<br>M factor (Acute) = 1 | <b>17%</b>  |
| <b>Classification</b><br>Org. Perox. D - H242<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400                                                 |             |
| <b>DISODIUM DIHYDROGEN (1-HYDROXYETHYLIDENE)BISPHOSPHONATE</b><br>CAS number: 7414-83-7                                                      | <b>1-5%</b> |
| <b>Classification</b><br>Acute Tox. 4 - H302                                                                                                 |             |

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>   | Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.                                                                                                  |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth thoroughly with water. Keep affected person under observation. Get medical attention if a large quantity has been ingested. Get medical attention if any discomfort continues. |
| <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 any discomfort continues.                                      |

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

|                     |                                                                              |
|---------------------|------------------------------------------------------------------------------|
| <b>Inhalation</b>   | The product is considered to be a low hazard under normal conditions of use. |
| <b>Ingestion</b>    | May be harmful if swallowed.                                                 |
| <b>Skin contact</b> | Prolonged contact may cause redness, irritation and dry skin.                |
| <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. |
| <b>Specific treatments</b>  | Treat symptomatically.       |

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. 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** Avoid inhalation of vapours. 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 the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

### 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** For professional users only. Avoid contact with eyes and prolonged skin contact. Avoid spilling.

**Advice on general occupational hygiene** Wash contaminated skin thoroughly after handling. Do not eat, drink or smoke when using this product.

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

**Storage precautions** Store in tightly-closed, original container. Keep only in the original container in a cool, well-ventilated place. Protect from freezing and direct sunlight.

**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. Refer to Product Use Guide (PUG) for further information.

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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** Not applicable.

**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** It is recommended that chemical-resistant, impervious gloves are worn. To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Butyl rubber.

**Hygiene measures** Wash hands thoroughly after handling.

**Respiratory protection** No specific requirements are anticipated under normal conditions of use. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

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

**Appearance** Viscous liquid. Suspension.

**Colour** White.

**Odour** Odourless.

**pH** pH (concentrated solution): 3.0-4.0

**Flash point** No information available.

**Relative density** 1-1.1 @ °C

**Solubility(ies)** Soluble in the following materials: Alcohols. Ether. Esters.

**Auto-ignition temperature** No information available.

**Decomposition Temperature** >80°C

**Viscosity** Data lacking.

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

#### 9.2. Other information

**Other information** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

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### 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** No potentially hazardous reactions known. Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Reducing agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances:  
Oxygen. Oxides of carbon.

## 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)** 33,333.33

#### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

**Extreme pH** Moderate pH ( > 2 and < 11.5).

#### Serious eye damage/irritation

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

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

#### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

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|                               |                                                                                                |
|-------------------------------|------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>             | Gas or vapour in high concentrations may irritate the respiratory system.                      |
| <b>Ingestion</b>              | Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting. |
| <b>Skin contact</b>           | Prolonged skin contact may cause redness and irritation.                                       |
| <b>Eye contact</b>            | Causes serious eye damage.                                                                     |
| <b>Route of exposure</b>      | Skin and/or eye contact                                                                        |
| <b>Medical considerations</b> | Pre-existing eye problems.                                                                     |

### SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is very toxic to 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** No data available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** The product contains substances which are 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** Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

**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)

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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

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU legislation</b> | 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).<br>Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).<br>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). |
| <b>Guidance</b>       | EH40/2005 Workplace exposure limits<br>Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended)<br>Health and Safety Executive                                                                                                                                                                                                                                                                                                          |

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued by</b>                 | Regulatory Chemist                                                                                                                  |
| <b>Revision date</b>             | 06/09/2021                                                                                                                          |
| <b>Revision</b>                  | 11                                                                                                                                  |
| <b>Supersedes date</b>           | 02/12/2020                                                                                                                          |
| <b>SDS number</b>                | CBLD6                                                                                                                               |
| <b>Hazard statements in full</b> | H242 Heating may cause a fire.<br>H302 Harmful if swallowed.<br>H318 Causes serious eye damage.<br>H400 Very toxic to aquatic life. |

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.