

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT

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

#### 1.1. Product identifier

Product name	CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT
Internal identification	CYP35/10, CYP35/20
Container size	10L, 20L
UFI	UFI: 4NXM-J0F3-Y005-RN3R

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

Identified uses	Detergent. Cleaning agent.
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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 via 111 (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	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. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor.

## CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT

### Contains

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide, Alcohols, C13-15 (branched and linear), ethoxylated

### 2.3. Other hazards

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

##### 3.2. Mixtures

Reaction product of Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. and Benzenesulfonic acid, 4-methyl- and sodium hydroxide	5-10%
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CAS number: — EC number: 932-051-8

##### Classification

Skin Irrit. 2 - H315  
Eye Dam. 1 - H318  
Aquatic Chronic 3 - H412

Alcohols, C13-15 (branched and linear), ethoxylated	1-5%
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CAS number: 157627-86-6

##### Classification

Eye Dam. 1 - H318  
Aquatic Chronic 3 - H412

ETHANE-1,2-DIOL	<1%
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CAS number: 107-21-1 EC number: 203-473-3

##### Classification

Acute Tox. 4 - H302

POTASSIUM HYDROXIDE	<1%
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CAS number: 1310-58-3 EC number: 215-181-3 REACH registration number: 01-2119487136-33-XXXX

##### Classification

Met. Corr. 1 - H290  
Acute Tox. 4 - H302  
Skin Corr. 1A - H314  
Eye Dam. 1 - H318

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.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing. Wash with plenty of water. Get medical attention if symptoms are severe or persist after washing.

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**Eye contact** Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention.

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

**Inhalation** Considered to be a low inhalation hazard at normal workplace temperatures. No specific symptoms known.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Skin irritation should not occur when used as recommended.

**Eye contact** Causes serious eye damage.

### 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** 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** None known.

### 5.3. Advice for firefighters

**Protective actions during firefighting** If risk of water pollution occurs, notify appropriate authorities. 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.

## 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.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

### 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.

### 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 spilling. Avoid contact with skin and eyes.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product.

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

<b>Storage precautions</b>	Keep container tightly closed in a cool place. Protect from freezing and direct sunlight.
<b>Storage class</b>	Unspecified storage.

### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	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

#### Occupational exposure limits

##### **ETHANE-1,2-DIOL**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate  
Sk

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m<sup>3</sup> vapour  
Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m<sup>3</sup> vapour  
Sk

##### **POTASSIUM HYDROXIDE**

Long-term exposure limit (8-hour TWA): WEL  
Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>  
WEL = Workplace Exposure Limit.  
Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

#### **Protective equipment**



<b>Appropriate engineering controls</b>	No specific ventilation requirements.
<b>Eye/face protection</b>	Wear eye protection. Personal protective equipment for eye and face protection should comply with European Standard EN166.
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash hands thoroughly after handling.
<b>Respiratory protection</b>	No specific recommendations. 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

<b>Appearance</b>	Opaque liquid.
<b>Colour</b>	White.
<b>Odour</b>	Perfume.
<b>pH</b>	pH (diluted solution): 7-8 @ 1%
<b>Melting point</b>	>10°C

## CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT

<b>Initial boiling point and range</b>	>100°C @ 760 mm Hg
<b>Relative density</b>	~ 1.21 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Viscosity</b>	1750-2200 cP @ 20°C

### 9.2. Other information

<b>Other information</b>	None.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid contact with the following materials: Oxidising agents. Reducing agents.
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### 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

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.
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## 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.
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Causes serious eye damage.
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<b>Inhalation</b>	Considered to be a low inhalation hazard at normal workplace temperatures.
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<b>Ingestion</b>	May cause discomfort.
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<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
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<b>Eye contact</b>	Risk of serious damage to eyes.
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<b>Route of exposure</b>	Skin and/or eye contact
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## SECTION 12: Ecological information

<b>Ecotoxicity</b>	No negative effects on the aquatic environment are known.
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### 12.1. Toxicity

<b>Toxicity</b>	The product is not believed to present a hazard due to its physical nature.
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## CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

### 12.4. Mobility in soil

**Mobility** The product is non-volatile.

### 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

**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

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

## CRYSTALBRITE PREMIUM PEARL BIO LAUNDRY DETERGENT

### SECTION 15: Regulatory information

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

**EU legislation** 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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision date</b>	07/07/2021
<b>Revision</b>	2
<b>Supersedes date</b>	07/07/2021
<b>SDS number</b>	21620
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.