



## SAFETY DATA SHEET

### CRYSTALBRITE BIO LAUNDRY POWDER

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

##### 1.1. Product identifier

Product name	CRYSTALBRITE BIO LAUNDRY POWDER
Internal identification	CY917/9
Container size	6.8kg

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

Identified uses	Laundry detergent.
Uses advised against	Use only for intended applications.

##### 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	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

##### 2.2. Label elements

###### Hazard pictograms



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.

## CRYSTALBRITE BIO LAUNDRY POWDER

<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling.
	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.
	P337+P313 If eye irritation persists: Get medical advice/ attention.
	P402 Store in a dry place.
P501 Dispose of contents/ container in accordance with national regulations.	

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>SODIUM CARBONATE</b>	<b>10-30%</b>
CAS number: 497-19-8	EC number: 207-838-8

##### Classification

Eye Irrit. 2 - H319

<b>SODIUM CARBONATE PEROXYHYDRATE</b>	<b>10-30%</b>
CAS number: 15630-89-4	EC number: 239-707-6

##### Classification

Ox. Sol. 2 - H272

Acute Tox. 4 - H302

Eye Dam. 1 - H318

<b>Alcohols, C12-15, ethoxylated</b>	<b>1-5%</b>
CAS number: 68131-39-5	
M factor (Acute) = 1	

##### Classification

Aquatic Acute 1 - H400

Aquatic Chronic 3 - H412

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. IF INHALED: Move affected person to fresh air at once. No special treatment required.
<b>Ingestion</b>	Rinse mouth thoroughly with water. 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>	Rinse with water.
<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 irritation persists after washing.

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

<b>Inhalation</b>	No adverse effects known. The product is considered to be a low hazard under normal conditions of use. The product is not believed to present a hazard due to its physical nature.
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## CRYSTALBRITE BIO LAUNDRY POWDER

<b>Ingestion</b>	No adverse effects known.
<b>Skin contact</b>	No adverse effects known.
<b>Eye contact</b>	Causes serious eye irritation.

### **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**

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

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

<b>Specific hazards</b>	Irritating gases or vapours.
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### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Fight fire with normal precautions from a reasonable distance. Avoid breathing fire gases or vapours.
<b>Special protective equipment for firefighters</b>	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**

<b>Personal precautions</b>	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.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Avoid discharge to the aquatic environment.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Absorb in vermiculite, dry sand or earth and place into containers. Allow small quantities to evaporate to the atmosphere in a safe, open place.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	Avoid contact with skin and eyes. Avoid release to the environment. Alkalis. Avoid generation and spreading of dust.
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### **7.2. Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Keep only in the original container.
<b>Storage class</b>	Unspecified storage.

### **7.3. Specific end use(s)**

## CRYSTALBRITE BIO LAUNDRY POWDER

**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

#### 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.

##### Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

##### 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

<b>Appearance</b>	Solid. Powder.
<b>Colour</b>	White. Blue.
<b>Odour</b>	Perfume.
<b>pH</b>	Aqueous solutions are basic. pH (diluted solution): 10 - 10.4 (1%)
<b>Relative density</b>	750 - 850 g/L
<b>Solubility(ies)</b>	100 % water @ 20°C
<b>Oxidising properties</b>	The product contains a substance classified 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.

#### 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.

#### 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

## CRYSTALBRITE BIO LAUNDRY POWDER

**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

#### Acute toxicity - oral

**ATE oral (mg/kg)** 5,000.0

#### Serious eye damage/irritation

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

#### **Medical considerations**

The following pre-existing or historic medical conditions of the worker may lead to an increased risk of adverse health effects following exposure to this product: Pre-existing eye problems.

## SECTION 12: Ecological information

#### **Ecotoxicity**

The product may affect the acidity (pH) of water which may have hazardous effects on 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** 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

## CRYSTALBRITE BIO LAUNDRY POWDER

**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).  
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).

#### **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** 17/11/2020

**Revision** 1

## CRYSTALBRITE BIO LAUNDRY POWDER

**SDS number**

21355

**Hazard statements in full**

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.