



## SAFETY DATA SHEET

### CRYSTALBRITE LOW TEMPERATURE DESTAIN

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

##### 1.1. Product identifier

**Product name** CRYSTALBRITE LOW TEMPERATURE DESTAIN

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

**Identified uses** Cleaning agent.

##### 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  
Fax : +44 (0)1295 269561  
sales@cleenol.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** Emergency contact number 01295 251721 (9am to 5pm Monday to Friday excluding bank holidays). Ask for Technical Department quoting the product name. Outside of these hours please contact your doctor or local hospital accident and emergency department or the NHS enquiry service (dial 111) quoting product name and present this MSDS advising them that the product is registered with the National Poisons Information Service

#### 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** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R41. O;R8.

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

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<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage.
<b>Precautionary statements</b>	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. 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. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.
<b>Contains</b>	6-(PHTHALIMIDO)PEROXYHEXANOIC ACID
<b>Supplementary precautionary statements</b>	P221 Take any precaution to avoid mixing with combustibles.

### 2.3. Other hazards

**Other Hazards** None

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>6-(PHTHALIMIDO)PEROXYHEXANOIC ACID</b>	<b>10-30%</b>
CAS number: 128275-31-0	EC number: 410-850-8
M factor (Acute) = 1	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Ox. Liq. 2 - H272	Xi;R41,R36/37/38. O;R8,R7. N;R50.
Org. Perox. C - H242	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335	
Aquatic Acute 1 - H400	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

**Inhalation** May be harmful if inhaled.

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<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin contact</b>	May be harmful in contact with skin.
<b>Eye contact</b>	May cause serious eye damage.

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

<b>Specific treatments</b>	Seek medical attention if irritation or symptoms persist. Symptomatic treatment
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## **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.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Burning may produce irritating, toxic and obnoxious fumes. Oxides of Carbon, Nitrogen and Sulphur.
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### **5.3. Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## **SECTION 6: Accidental release measures**

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Avoid or minimise the creation of any environmental contamination.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	See section 3,8 & 13 for further information
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## **SECTION 7: Handling and storage**

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

<b>Usage precautions</b>	Avoid spilling. Avoid contact with skin and eyes.
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### **7.2. Conditions for safe storage, including any incompatibilities**

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.
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<b>Storage class</b>	Chemical storage.
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### **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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**SHELF LIFE OF DILUTION**  
**12 MONTHS**

## **SECTION 8: Exposure Controls/personal protection**

### **8.1. Control parameters**

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**Ingredient comments** WEL = Workplace Exposure Limits

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

#### 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. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

#### Respiratory protection

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>	Liquid.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (concentrated solution): 3.5-4.0
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	1.06 @ °C
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	470°C

#### 9.2. Other information

**Other information** None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** No test data specifically related to reactivity available for this product or its ingredients.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

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### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      None known.

### 10.4. Conditions to avoid

**Conditions to avoid**      Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid**      None known.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Inhalation**      Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion**      May cause discomfort if swallowed.

**Skin contact**      May cause sensitisation by skin contact.

**Eye contact**      Risk of serious damage to eyes.

## SECTION 12: Ecological Information

**Ecotoxicity**      Not regarded as dangerous for the environment.

### 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**      The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**      No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility**      The product is soluble in water.

### 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

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### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

### 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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**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).

**Guidance** Workplace Exposure Limits EH40.  
CHIP for everyone HSG228.  
Safety Data Sheets for Substances and Preparations  
Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

## SECTION 16: Other information

**Revision date** 07/06/2017

**Revision** 9

**Supersedes date** 05/05/2017

**SDS number** CBLD6

**Risk phrases in full** R36/37/38 Irritating to eyes, respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R50 Very toxic to aquatic organisms.  
R7 May cause fire.  
R8 Contact with combustible material may cause fire.

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### **Hazard statements in full**

H242 Heating may cause a fire.  
H272 May intensify fire; oxidiser.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
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.