

CLEENOL

For a cleaner, safer world

SAFETY DATA SHEET CRYSTALBRITE LAUNDRY OXY STAIN REMOVER LIQUID

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

1.1. Product identifier

| | |
|-------------------------|---|
| Product name | CRYSTALBRITE LAUNDRY OXY STAIN REMOVER LIQUID |
| Internal identification | CRDESTAIN35/10, CRDESTAIN35 |
| Container size | 10L, 20L |

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 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 | Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 |
| Environmental hazards | Not Classified |

2.2. Label elements

Hazard pictograms



| | |
|-------------|--------|
| Signal word | Danger |
|-------------|--------|

| | |
|-------------------|--|
| Hazard statements | H302+H332 Harmful if swallowed or if inhaled. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. |
|-------------------|--|

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Precautionary statements

P261 Avoid breathing vapour/ spray.
 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.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Contains HYDROGEN PEROXIDE SOLUTION ...100%

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P310 Immediately call a POISON CENTER/ doctor.
 P321 Specific treatment (see medical advice on this label).
 P330 Rinse mouth.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|---|----------------------|--|
| HYDROGEN PEROXIDE SOLUTION ...100% | | 30-60% |
| CAS number: 7722-84-1 | EC number: 231-765-0 | REACH registration number: 01-2119485845-22-XXXX |
| Classification Ox. Liq. 1 - H271 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Skin Corr. 1A - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 | | |

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention.

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

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

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

| | |
|---------------------|--|
| Inhalation | Harmful by inhalation. May cause respiratory irritation. |
| Ingestion | Harmful if swallowed. |
| Skin contact | Causes skin irritation. |
| 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 Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards May intensify fire; oxidiser.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. 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 contact with skin, eyes and clothing. Avoid inhalation of vapours. 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 to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Large Spillages: Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely.

6.4. Reference to other sections

Reference to other sections 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

Usage precautions Avoid breathing vapour/spray. Avoid contact with skin, eyes and clothing. Avoid spilling. Keep away from combustible material.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Keep away from combustible material. Keep away from heat, sparks and open flame.

Storage class Chemical storage. Oxidising hazardous substances

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

HYDROGEN PEROXIDE SOLUTION ...100%

Long-term exposure limit (8-hour TWA): WEL 1 ppm 1.4 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2.8 mg/m³

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours.

Eye/face protection

Wear eye protection. 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. 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. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Colourless.

Odour Pungent.

pH pH (concentrated solution): <3

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| | |
|--|---|
| Melting point | -40°C |
| Initial boiling point and range | 126°C |
| Flash point | Not applicable. |
| Relative density | ~ 1.13 @ 20°C |
| Solubility(ies) | Soluble in water. |
| Auto-ignition temperature | Not applicable. |
| Decomposition Temperature | Not determined. |
| Viscosity | 1.10 cP @ 20°C |
| Oxidising properties | The product contains a substance classified as oxidising. |

9.2. Other information

Other information None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The reactivity data for this product will be typical of those for the following class of materials:
Oxidising agents.

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 May intensify fire; oxidiser. The following materials may react strongly with the product:
Organic compounds. Strong acids. Strong alkalis.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Some metals (nickel, iron, copper). Strong reducing agents.

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) 500.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists mg/l) 4.29

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

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| | |
|--------------------------------------|---|
| Serious eye damage/irritation | Causes serious eye damage. |
| Inhalation | Harmful if inhaled. May cause respiratory irritation. |
| Ingestion | May be harmful if swallowed. Harmful if swallowed. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye damage. |
| Route of exposure | Skin and/or eye contact Ingestion Inhalation |

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 readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

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 contents/container in accordance with local regulations. Following dilution, discharge to the sewer with plenty of water may be permitted.

SECTION 14: Transport information

14.1. UN number

| | |
|-------------------------|------|
| UN No. (ADR/RID) | 2014 |
| UN No. (IMDG) | 2014 |
| UN No. (ICAO) | 2014 |
| UN No. (ADN) | 2014 |

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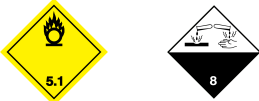
14.2. UN proper shipping name

| | |
|---------------------------------------|-------------------------------------|
| Proper shipping name (ADR/RID) | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| Proper shipping name (IMDG) | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| Proper shipping name (ICAO) | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |
| Proper shipping name (ADN) | HYDROGEN PEROXIDE, AQUEOUS SOLUTION |

14.3. Transport hazard class(es)

| | |
|------------------------------------|-----|
| ADR/RID class | 5.1 |
| ADR/RID subsidiary risk | 8 |
| ADR/RID classification code | OC1 |
| ADR/RID label | 5.1 |
| IMDG class | 5.1 |
| IMDG subsidiary risk | 8 |
| ICAO class/division | 5.1 |
| ICAO subsidiary risk | 8 |
| ADN class | 5.1 |
| ADN subsidiary risk | 8 |

Transport labels



14.4. Packing group

| | |
|------------------------------|----|
| ADR/RID packing group | II |
| IMDG packing group | II |
| ICAO packing group | II |
| ADN packing group | II |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

| | |
|---|---------------|
| IMDG Code segregation group | 16. Peroxides |
| EmS | F-H, S-Q |
| ADR transport category | 2 |
| Emergency Action Code | 2P |
| Hazard Identification Number (ADR/RID) | 58 |
| Tunnel restriction code | (E) |

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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.

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 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).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

| | |
|----------------------------------|--|
| Issued by | Regulatory Chemist |
| Revision date | 23/07/2021 |
| Revision | 9 |
| Supersedes date | 07/06/2021 |
| SDS number | 21212 |
| Hazard statements in full | H271 May cause fire or explosion; strong oxidiser. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. |

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.