

CLEENOL

For a cleaner, safer world

SAFETY DATA SHEET WHITE SPOT CONCENTRATED LEMON DETERGENT

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

1.1. Product identifier

| | |
|-------------------------|---|
| Product name | WHITE SPOT CONCENTRATED LEMON DETERGENT |
| Internal identification | 021412X5 |
| Container size | 2x5L |

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

| | |
|-----------------|------------|
| Identified uses | Detergent. |
|-----------------|------------|

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). |
|---------------------|---|

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 | Aquatic Chronic 3 - H412 |

2.2. Label elements

Hazard pictograms



| | |
|-------------------|--|
| Signal word | Danger |
| Hazard statements | H315 Causes skin irritation. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects. |

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|---|---|
| Precautionary statements | <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> |
| Contains | SODIUM DODECYL BENZENE SULPHONATE, ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, ETHOXYLATED ALCOHOLS, C12-C13 |
| Detergent labelling | Contains CITRAL, BRONOPOL (INN), d-LIMONENE |
| Supplementary precautionary statements | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p> |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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|---|
| SODIUM DODECYL BENZENE SULPHONATE 10-30% CAS number: 68411-30-3 EC number: 270-115-0 REACH registration number: 01-2119489428-22-XXXX |
| Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| ALCOHOLS, C12-14, ETHOXYLATED, SULFATES 1-5% CAS number: 68891-38-3 EC number: 500-234-8 |
| Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 |
| ETHOXYLATED ALCOHOLS, C12-C13 1-5% CAS number: 160901-19-9 EC number: 500-457-0 |
| Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412 |
| CITRIC ACID MONOHYDRATE <1% CAS number: 5949-29-1 EC number: 691-328-9 |
| Classification Skin Irrit. 2 - H315 |

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| | | |
|---|----------------------|--|
| BRONOPOL (INN) | | <1% |
| CAS number: 52-51-7 | EC number: 200-143-0 | REACH registration number: 01-2119980938-15-XXXX |
| M factor (Acute) = 10 | | |
| Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 | | |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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|---------------------|---|
| Inhalation | Unlikely route of exposure as the product does not contain volatile substances. |
| Ingestion | Give a few small glasses of water or milk to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Get medical attention if a large quantity has been ingested. |
| Skin contact | Wash with plenty of water. Get medical attention if irritation persists after washing. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. |
| Eye contact | 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

| | |
|---------------------|--|
| Inhalation | The product is considered to be a low hazard under normal conditions of use. |
| Ingestion | No adverse effects known. May be 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 The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Irritating gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Fight fire with normal precautions from a reasonable distance.

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Special protective equipment for firefighters 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

Personal precautions 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 discharge to the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Flush away spillage with plenty of water. Avoid contamination of ponds or watercourses with washing down water. Discharge of small quantities to the sewer with plenty of water may be permitted.

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.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly sealed when not in use. Protect from freezing and direct sunlight. Store at temperatures between 0°C and 40°C.

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.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

CITRIC ACID MONOHYDRATE

Long-term exposure limit (8-hour TWA): 4 mg/m³

Short-term exposure limit (15-minute): 10 mg/m³

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. Wear protective gauntlets made of the following material: Polyvinyl chloride (PVC). 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.

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Hygiene measures Take off contaminated clothing. Wash contaminated clothing before reuse. Wash contaminated skin thoroughly after handling.

Respiratory protection Not applicable.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Yellow.

Odour Lemon.

pH pH (concentrated solution): 5 - 7

Initial boiling point and range 100°C

Flash point Not applicable.

Relative density ~ 1.025 @ 20°C

Solubility(ies) Soluble in water.

Auto-ignition temperature Not applicable.

Decomposition Temperature Not determined.

Viscosity 300 - 700 cP @ 20°C Slightly viscous.

Explosive properties Not considered to be explosive.

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

9.2. Other information

Refractive index 17 - 19

Volatile organic compound Not applicable.

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

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.

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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.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

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

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Inhalation The product is considered to be a low hazard under normal conditions of use.

Ingestion No adverse effects known. May be harmful if swallowed.

Skin contact Causes skin irritation.

Eye contact Causes serious eye damage.

Medical considerations Pre-existing eye problems.

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity Harmful to Aquatic Organisms

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 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 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. Following dilution, discharge to the sewer with plenty of water may be permitted.

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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 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).
Regulation (EU) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products (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).
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).

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.

WHITE SPOT CONCENTRATED LEMON DETERGENT**SECTION 16: Other information**

| | |
|----------------------------------|---|
| Issued by | Regulatory Chemist |
| Revision date | 01/06/2021 |
| Revision | 18 |
| Supersedes date | 02/03/2021 |
| SDS number | 10073 |
| Hazard statements in full | H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H331 Toxic if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. |

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.