



SAFETY DATA SHEET ENVIROLOGICAL HEAVY DUTY CLEANER

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

1.1. Product identifier

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|--------------------------------|----------------------------------|
| Product name | ENVIROLOGICAL HEAVY DUTY CLEANER |
| Internal identification | 058271, 058282/6 |
| Container size | 2x5L, 6x750ml HD Flask |

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

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|------------------------|----------------------------|
| Identified uses | Cleaning agent. Degreaser. |
|------------------------|----------------------------|

1.3. Details of the supplier of the safety data sheet

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|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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)

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|------------------------------|-------------------|
| Physical hazards | Not Classified |
| Health hazards | Eye Dam. 1 - H318 |
| Environmental hazards | Not Classified |

2.2. Label elements

Hazard pictograms



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|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal word | Danger |
| Hazard statements | EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction. 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. |

ENVIROLOGICAL HEAVY DUTY CLEANER

Contains ETHOXYLATED ALCOHOLS, C12-C13

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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

β-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIV., DISODIUM SALT **1-5%**

CAS number: 90170-43-7 EC number: 290-476-8

Classification

Eye Irrit. 2 - H319

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
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335
Aquatic Acute 1 - H400
Aquatic Chronic 2 - H411

1,2-BENZISOTHIAZOL-3(2H)-ONE **<1%**

CAS number: 2634-33-5 EC number: 220-120-9

M factor (Acute) = 1

Classification

Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Acute 1 - H400

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

SECTION 4: First aid measures

4.1. Description of first aid measures

ENVIROLOGICAL HEAVY DUTY CLEANER

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| Inhalation | If spray/mist has been inhaled, proceed as follows. Remove affected person from source of contamination. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. No special treatment required. |
| Ingestion | Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. If in doubt, get medical attention promptly. |
| Skin contact | Rinse with water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. |
| Eye contact | Do not rub eye. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. |

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

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|----------------------------|-------------------------------------------------------------------------|
| General information | May produce an allergic reaction. |
| Inhalation | May cause sensitisation or allergic reactions in sensitive individuals. |
| Ingestion | May be harmful if swallowed. |
| Skin contact | May cause sensitisation or allergic reactions in sensitive individuals. |
| Eye contact | May cause serious eye damage. |

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

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| Specific treatments | Treat symptomatically. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | None known. |

5.2. Special hazards arising from the substance or mixture

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|-------------------------|------------------------------|
| Specific hazards | Irritating gases or vapours. |
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5.3. Advice for firefighters

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|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective actions during firefighting | Fight fire with normal precautions from a reasonable distance. |
| 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

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| 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. |
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6.2. Environmental precautions

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| Environmental precautions | Avoid or minimise the creation of any environmental contamination. |
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6.3. Methods and material for containment and cleaning up

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| Methods for cleaning up | Absorb in vermiculite, dry sand or earth and place into containers. Discharge of small quantities to the sewer with plenty of water may be permitted. |
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ENVIROLOGICAL HEAVY DUTY CLEANER

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 breathing spray.

Advice on general occupational hygiene Wash contaminated skin thoroughly after handling.

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.

Storage class Chemical storage. Corrosive storage.

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

8.2. Exposure controls

Protective equipment



Appropriate engineering controls No specific ventilation requirements.

Eye/face protection Wear eye protection.

Hand protection For users with sensitive skin, it is recommended that suitable protective gloves are worn. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Nitrile rubber. Rubber (natural, latex).

Hygiene measures Wash contaminated skin thoroughly after handling.

Respiratory protection 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

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| Appearance | Liquid. |
| Colour | Yellow. |
| Odour | No characteristic odour. Odourless. |
| pH | pH (concentrated solution): 9.2 - 9.8 |
| Flash point | Not applicable. |
| Relative density | ~ 1.03 |
| Solubility(ies) | Soluble in water. |
| Decomposition Temperature | Not determined. |

ENVIROLOGICAL HEAVY DUTY CLEANER

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|----------------------------------|-------------------------------------------------------------|
| Viscosity | Non-viscous. |
| Oxidising properties | Does not meet the criteria for classification as oxidising. |
| 9.2. Other information | |
| Refractive index | 12 - 15 |
| Volatile organic compound | This product contains a maximum VOC content of <1 . |

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 requirements are anticipated under normal conditions of use.

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) 11,111.11

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

12.2. Persistence and degradability

Persistence and degradability Moderately biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

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

ENVIROLOGICAL HEAVY DUTY CLEANER

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. Discharge of small quantities to the sewer with plenty of water may be permitted.

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 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).

ENVIROLOGICAL HEAVY DUTY CLEANER

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

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|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Issued by | Regulatory Chemist |
| Revision date | 08/03/2020 |
| Revision | 8 |
| Supersedes date | 12/12/2019 |
| SDS number | 10417 |
| Hazard statements in full | H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. 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. EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction. |

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.