

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET EVOLUTION EV10 PERFUMED MULTIPURPOSE CLEANER

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

#### 1.1. Product identifier

|                         |  |
|-------------------------|--|
| Product name            | EVOLUTION EV10 PERFUMED MULTIPURPOSE CLEANER |
| Internal identification | EV10, EV10/1000                              |
| Container size          | 2x1.5L, 3x1L                                 |

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

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

#### 1.3. Details of the supplier of the safety data sheet

|          |   |
|----------|---|
| Supplier | Cleenol Group Ltd<br>Neville House<br>Beaumont Road<br>Banbury<br>Oxon OX16 1RB<br>UK<br>Tel: +44 (0)1295 251721<br>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 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        | Acute Tox. 4 - H302 Eye Dam. 1 - H318 |
| Environmental hazards | Aquatic Chronic 3 - H412              |

#### 2.2. Label elements

##### Hazard pictograms



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

|                   |   |
|-------------------|---|
| Hazard statements | EUH208 Contains d-LIMONENE, CITRAL, LINALOOL. May produce an allergic reaction.<br>H302 Harmful if swallowed.<br>H318 Causes serious eye damage.<br>H412 Harmful to aquatic life with long lasting effects. |
|-------------------|---|

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|   |  |
|---|--|
| <b>Precautionary statements</b>               | <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.</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>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> |
| <b>Contains</b>                               | ALCOHOLS, C12-C14, ETHOXYLATED   |
| <b>Detergent labelling</b>                    | Contains d-LIMONENE, CITRAL, BRONOPOL (INN), LINALOOL  |
| <b>Supplementary precautionary statements</b> | <p>P261 Avoid breathing vapour/ spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P330 Rinse mouth.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</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

|  |               |
|--|---------------|
| <b>ALCOHOLS, C12-C14, ETHOXYLATED</b>  | <b>30-60%</b> |
| CAS number: 68439-50-9                      EC number: 500-213-3   |               |
| <b>Classification</b>  |               |
| Acute Tox. 4 - H302  |               |
| Eye Dam. 1 - H318  |               |
| Aquatic Chronic 3 - H412   |               |
| <b>2-(2-BUTOXYETHOXY)ETHANOL</b>   | <b>10-30%</b> |
| CAS number: 112-34-5                      EC number: 203-961-6                      REACH registration number: 01-2119475104-44-XXXX |               |
| <b>Classification</b>  |               |
| Eye Irrit. 2 - H319  |               |
| <b>β-ALANINE, N-(2-CARBOXYETHYL)-, N-COCO ALKYL DERIV., DISODIUM SALT</b>  | <b>5-10%</b>  |
| CAS number: 90170-43-7                      EC number: 290-476-8   |               |
| <b>Classification</b>  |               |
| Eye Irrit. 2 - H319  |               |

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|                          |                      |  |
|--------------------------|----------------------|--|
| <b>d-LIMONENE</b>        | <b>&lt;1%</b>        |  |
| CAS number: 5989-27-5    | EC number: 227-813-5 |  |
| M factor (Acute) = 1     |                      |  |
| <b>Classification</b>    |                      |  |
| Flam. Liq. 3 - H226      |                      |  |
| Skin Irrit. 2 - H315     |                      |  |
| Skin Sens. 1 - H317      |                      |  |
| Asp. Tox. 1 - H304       |                      |  |
| Aquatic Acute 1 - H400   |                      |  |
| Aquatic Chronic 3 - H412 |                      |  |
| <b>CITRAL</b>            | <b>&lt;1%</b>        |  |
| CAS number: 5392-40-5    | EC number: 226-394-6 |  |
| <b>Classification</b>    |                      |  |
| Skin Irrit. 2 - H315     |                      |  |
| Eye Irrit. 2 - H319      |                      |  |
| Skin Sens. 1 - H317      |                      |  |
| <b>BRONOPOL (INN)</b>    | <b>&lt;1%</b>        |  |
| CAS number: 52-51-7      | EC number: 200-143-0 | REACH registration number: 01-2119980938-15-XXXX |
| M factor (Acute) = 10    |                      |  |
| <b>Classification</b>    |                      |  |
| 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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Unlikely route of exposure as the product does not contain volatile substances.  |
| <b>Ingestion</b>    | Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues. Get medical attention if a large quantity has been ingested. |
| <b>Skin contact</b> | Remove contaminated clothing and rinse skin thoroughly with water. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.  |
| <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 symptoms are severe or persist after washing.                              |

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

|                            |  |
|----------------------------|--|
| <b>General information</b> | May produce an allergic reaction.  |
| <b>Inhalation</b>          | The product is considered to be a low hazard under normal conditions of use. |
| <b>Ingestion</b>           | Harmful if swallowed.  |
| <b>Skin contact</b>        | May cause skin sensitisation or allergic reactions in sensitive individuals. |
| <b>Eye contact</b>         | Causes serious eye damage.   |

### 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. |
|-------------------------|------------------------------|

### 5.3. Advice for firefighters

|  |  |
|--|--|
| <b>Protective actions during firefighting</b>        | No specific firefighting precautions known.  |
| <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> | Wear protective clothing as described in Section 8 of this safety data sheet. |
|-----------------------------|---|

### 6.2. Environmental precautions

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | Avoid discharge to the aquatic environment. |
|----------------------------------|---|

### 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. Absorb small quantities with paper towels and evaporate in a safe place. |
|--------------------------------|--|

### 6.4. Reference to other sections

|                                    |   |
|------------------------------------|---|
| <b>Reference to other sections</b> | For personal protection, see Section 8. For waste disposal, see Section 13. |
|------------------------------------|---|

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|   |  |
|---|--|
| <b>Usage precautions</b>                      | For professional users only. Avoid contact with eyes and prolonged skin contact. |
| <b>Advice on general occupational hygiene</b> | Wash contaminated skin thoroughly after handling.                                |

### 7.2. Conditions for safe storage, including any incompatibilities

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|                                 |   |
|---------------------------------|---|
| <b>Storage precautions</b>      | Keep only in the original container. Keep container tightly sealed when not in use. Store at temperatures between 0°C and 40°C. |
| <b>Storage class</b>            | Chemical storage. Corrosive storage.  |
| <b>7.3. Specific end use(s)</b> |   |
| <b>Specific end use(s)</b>      | 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

##### 2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 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

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

##### Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

##### Hygiene measures

Wash hands thoroughly after handling. Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated.

##### 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>                | Opaque liquid.                     |
| <b>Colour</b>                    | Green. Dark.                       |
| <b>Odour</b>                     | Pleasant, agreeable. Mild.         |
| <b>pH</b>                        | pH (concentrated solution): 9 - 10 |
| <b>Flash point</b>               | Not applicable.                    |
| <b>Relative density</b>          | 1.02 - 1.03 @ 20°C                 |
| <b>Solubility(ies)</b>           | Miscible with water.               |
| <b>Auto-ignition temperature</b> | Not applicable.                    |

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|                                  |   |
|----------------------------------|---|
| <b>Decomposition Temperature</b> | Not determined.   |
| <b>Viscosity</b>                 | Non-viscous.  |
| <b>Explosive properties</b>      | Not applicable.   |
| <b>Oxidising properties</b>      | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                         |         |
|-------------------------|---------|
| <b>Refractive index</b> | 47 - 49 |
|-------------------------|---------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

### 10.2. Chemical stability

|                  |   |
|------------------|---|
| <b>Stability</b> | Stable at normal ambient temperatures and when used as recommended. |
|------------------|---|

### 10.3. Possibility of hazardous reactions

|   |  |
|---|--|
| <b>Possibility of hazardous reactions</b> | Under normal conditions of storage and use, no hazardous reactions will occur. |
|---|--|

### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | There are no known conditions that are likely to result in a hazardous situation. |
|----------------------------|---|

### 10.5. Incompatible materials

|                           |  |
|---------------------------|--|
| <b>Materials to avoid</b> | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
|---------------------------|--|

### 10.6. Hazardous decomposition products

|   |   |
|---|---|
| <b>Hazardous decomposition products</b> | Does not decompose when used and stored as recommended. |
|---|---|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                              |   |
|------------------------------|---|
| <b>Toxicological effects</b> | Information given is based on data of the components and of similar products. |
|------------------------------|---|

#### Acute toxicity - oral

|                         |          |
|-------------------------|----------|
| <b>ATE oral (mg/kg)</b> | 1,388.89 |
|-------------------------|----------|

#### Serious eye damage/irritation

|                                      |                            |
|--------------------------------------|----------------------------|
| <b>Serious eye damage/irritation</b> | Causes serious eye damage. |
|--------------------------------------|----------------------------|

#### Skin sensitisation

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Skin sensitisation</b> | May cause an allergic skin reaction. |
|---------------------------|--------------------------------------|

#### Ingestion

Harmful if swallowed.

#### Medical considerations

Pre-existing eye problems. Skin disorders and allergies.

## SECTION 12: Ecological information

|                    |  |
|--------------------|--|
| <b>Ecotoxicity</b> | Harmful to aquatic life with long lasting effects. |
|--------------------|--|

### 12.1. Toxicity

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**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** 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

**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 Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

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### 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 (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 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (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.

### SECTION 16: Other information

|                                  |   |
|----------------------------------|---|
| <b>Issued by</b>                 | Regulatory Chemist  |
| <b>Revision date</b>             | 13/04/2021  |
| <b>Revision</b>                  | 10  |
| <b>Supersedes date</b>           | 29/06/2020  |
| <b>SDS number</b>                | 10599   |
| <b>Hazard statements in full</b> | H226 Flammable liquid and vapour.<br>H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H319 Causes serious eye irritation.<br>H331 Toxic if inhaled.<br>H335 May cause respiratory irritation.<br>H400 Very toxic to aquatic life.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects.<br>EUH208 Contains d-LIMONENE, CITRAL, LINALOOL. 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.