

CLEENOL

For a cleaner, safer world

SAFETY DATA SHEET EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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

1.1. Product identifier

Product name	EVOLUTION PERFUMED MULTI-SURFACE CLEANER
Internal identification	EV10, EV10/X2
Container size	2x1.5L, 4x325mL
UFI	UFI: 12T1-U0DQ-V008-0F52

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 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. H302 Harmful if swallowed. H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
-------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

Precautionary statements	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</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>
Contains	ALCOHOLS, C12-C14, ETHOXYLATED
Detergent labelling	Contains d-LIMONENE, CITRAL, BRONOPOL (INN), LINALOOL
Supplementary precautionary statements	<p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P330 Rinse mouth.</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

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

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

d-LIMONENE		<1%
CAS number: 5989-27-5	EC number: 227-813-5	
M factor (Acute) = 1		
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 3 - H412		
CITRAL		<1%
CAS number: 5392-40-5	EC number: 226-394-6	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
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

Inhalation	Unlikely route of exposure as the product does not contain volatile substances.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Do not induce vomiting. Get medical attention if any discomfort continues. Get medical attention if a large quantity has been ingested.
Skin contact	In the event of any sensitisation symptoms developing, ensure further exposure is avoided. 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.

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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	Harmful if swallowed.
Skin contact	Skin irritation should not occur when used as recommended. May cause skin sensitisation or allergic reactions in sensitive individuals.
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.
Unsuitable extinguishing media	None known.

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	Control run-off water by containing and keeping it out of sewers and watercourses.
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. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.
-----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------

6.2. Environmental precautions

Environmental precautions	The product contains a substance which is harmful to aquatic organisms. Avoid discharge to the aquatic environment.
----------------------------------	---------------------------------------------------------------------------------------------------------------------

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Dispose of contents/container in accordance with local regulations. Flush contaminated area with plenty of water.
--------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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.
Advice on general occupational hygiene	Wash hands thoroughly after handling.

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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. Store at temperatures between 0°C and 40°C.
Storage class	Chemical storage.

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

2-(2-BUTOXYETHOXY)ETHANOL

Long-term exposure limit (8-hour TWA): WEL 10 ppm 67.5 mg/m³

Short-term exposure limit (15-minute): WEL 15 ppm 101.2 mg/m³

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. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

No specific requirements are anticipated under normal conditions of use. 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.

Hygiene measures

Wash hands thoroughly after handling. Wash promptly if skin 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

Appearance	Opaque liquid.
Colour	Green. Dark.
Odour	Citrus.
pH	pH (concentrated solution): 9 - 10
Flash point	Not applicable.
Relative density	1.025 - 1.035 @ 20°C
Solubility(ies)	Miscible with water.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not determined.
Explosive properties	Not applicable.

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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

9.2. Other information

Refractive index 47 - 49

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.

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) 1,388.89

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Inhalation

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

Ingestion

Harmful if swallowed.

Skin contact

Skin irritation should not occur when used as recommended. May cause skin sensitisation or allergic reactions in sensitive individuals.

Eye contact

Causes serious eye damage.

Route of exposure

Skin and/or eye contact

Medical considerations

Skin disorders and allergies.

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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 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 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 national regulations. 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.

EVOLUTION PERFUMED MULTI-SURFACE CLEANER

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 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).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Regulatory Chemist
Revision date	08/06/2021
Revision	11
Supersedes date	13/04/2021
SDS number	10599
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. 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. 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. 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.