

CLEENOL

For a cleaner, safer world

SAFETY DATA SHEET EVOLUTION EV8 X2 WINDOW & STAINLESS STEEL CLEANER

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

1.1. Product identifier

Product name	EVOLUTION EV8 X2 WINDOW & STAINLESS STEEL CLEANER
Internal identification	EV8/X2
Container size	4x325mL
UFI	UFI: CVA1-A0H7-A00M-V4WP

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

Identified uses	Glass cleaner.
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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 via 111 (UK only).
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

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

2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	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.

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Contains D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES

Detergent labelling Contains BRONOPOL (INN)

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

D-GLUCOPYRANOSE, OLIGOMERS, DECYL OCTYL GLYCOSIDES	5-10%
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CAS number: 68515-73-1	EC number: 500-220-1
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Classification

Eye Dam. 1 - H318

BRONOPOL (INN)	<1%
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CAS number: 52-51-7	EC number: 200-143-0
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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	If spray/mist has been inhaled, proceed as follows. Remove person to fresh air and keep comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has been ingested.
Skin contact	Wash with plenty of water. Get medical attention if any discomfort continues.
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 symptoms are severe or persist.

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

Inhalation	No specific symptoms known. Spray/mists may cause respiratory tract irritation.
Ingestion	No specific symptoms known.
Skin contact	No adverse effects known.
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.

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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.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials. Firefighter's clothing 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.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Dispose of contents/container in accordance with local regulations.

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. Avoid inhalation of vapours and spray/mists.

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.

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.

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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Not relevant.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment that provides appropriate eye and face protection should be worn.

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.

Hygiene measures Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

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 Liquid.

Colour Blue.

Odour Mild.

pH pH (concentrated solution): 9 - 10

Flash point Not applicable.

Flammability (solid, gas) Not applicable.

Relative density ~ 1.055 @ 20°C

Solubility(ies) Soluble in water.

Auto-ignition temperature Not applicable.

Decomposition Temperature Not determined.

Explosive under the influence of a flame No

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

9.2. Other information

Refractive index 9 - 13

Volatile organic compound This product contains a maximum VOC content of <1 %.

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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 No specific requirements are anticipated under normal conditions of use.

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 - inhalation

ATE inhalation (dusts/mists mg/l) 117.6

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 harmful effects expected from quantities likely to be ingested by accident.

Skin contact

Skin irritation should not occur when used as recommended.

Eye contact

Causes serious eye damage.

Medical considerations

Pre-existing eye problems.

SECTION 12: Ecological information

Ecotoxicity

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

12.1. Toxicity

Toxicity

The product is not believed to present a hazard due to its physical nature.

12.2. Persistence and degradability

Biodegradation

Moderately biodegradable.

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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 waste via a licensed waste disposal contractor. 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

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
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Regulatory Chemist
Revision date	06/08/2021
Revision	18
Supersedes date	21/05/2021
SDS number	21770
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.

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.