CLEENOL For a cleaner, safer world

# SAFETY DATA SHEET
# EVOLUTION EV2 X2 MULTI-SURFACE CLEANER & DEGREASER

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

### 1.1. Product identifier

**Product name** EVOLUTION EV2 X2 MULTI-SURFACE CLEANER & DEGREASER

**Internal identification** EV2/X2

**Container size** 4x325mL

**UFI** UFI: K6D0-60PV-C00D-0JQ2

### 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 (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** ALCOHOLS, C12-C14, ETHOXYLATED

**Detergent labelling** Contains BRONOPOL (INN)

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**ALCOHOLS, C12-C14, ETHOXYLATED** **1-5%**

CAS number: 68439-50-9 EC number: 500-213-3

**Classification**
Acute Tox. 4 - H302
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

**BRONOPOL (INN)** **<1%**

CAS number: 52-51-7 EC number: 200-143-0

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** No specific recommendations.

**Ingestion** Rinse mouth. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin contact** Wash with plenty of water.

**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 after washing.

### 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 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.

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### 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** None known.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

### 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. Do not touch or walk into spilled material. Take care as floors and other surfaces may become slippery.

### 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** Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

### 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** Avoid contact with eyes and prolonged skin contact.

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

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

**Storage precautions** Keep away from food and drink. Keep only in the original container in a cool, 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.

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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** No specific ventilation requirements.

**Eye/face protection** No specific eye protection required during normal use. 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** For users with sensitive skin, it is recommended that suitable protective gloves are worn. Wear protective gloves made of the following material: Rubber (natural, latex). Nitrile rubber. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

**Hygiene measures** Do not eat, drink or smoke when using this product. Wash hands 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** Opaque liquid.

**Colour** Yellow.

**Odour** Almost odourless.

**pH** pH (concentrated solution): 7.5 - 8.5

**Initial boiling point and range** 100°C

**Flash point** Not applicable.

**Relative density** 1.015 - 1.020 @ 20°C

**Solubility(ies)** Soluble in water.

**Auto-ignition temperature** Not applicable.

**Decomposition Temperature** Not determined.

**Viscosity** Non-viscous.

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

### 9.2. Other information

**Refractive index** 8 - 10

**Volatile organic compound** This product contains a maximum VOC content of < 0.1 .

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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** 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)** 10,137.88

**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.

**Route of exposure** Skin and/or eye contact

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

### 12.2. Persistence and degradability

**Persistence and degradability** Moderately biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

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### 12.4. Mobility in soil

**Mobility** The product is miscible with water 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** Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out.

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

## 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

**National regulations** The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (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** 15/12/2021

**Revision** 8

**Supersedes date** 20/01/2021

**SDS number** X2N3

**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.