CLEENOL For a cleaner, safer world

SAFETY DATA SHEET
OSMOS GLASS RENOVATOR POWDER

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

1.1. Product identifier

Product name OSMOS GLASS RENOVATOR POWDER

Internal identification OSM-GRP-10, OSM-GRP-2.5

Container size 10kg, 2.5kg

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)

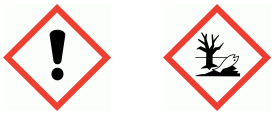
Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.
P321 Specific treatment (see medical advice on this label).
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

CHLORINATED TRISODIUM PHOSPHATE **60-100%**

CAS number: 56802-99-4 EC number: 234-307-8

Classification
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

SODIUM CARBONATE **10-30%**

CAS number: 497-19-8 EC number: 207-838-8

Classification
Eye Irrit. 2 - H319

TROCLOSENE SODIUM, DIHYDRATE **1-5%**

CAS number: 2893-78-9 EC number: 220-767-7

M factor (Acute) = 1 M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Eye Irrit. 2 - H319
STOT SE 3 - H335
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

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

Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

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Skin contact 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 for at least 10 minutes. Get medical attention if symptoms are severe or persist.

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

Inhalation Considered to be a low inhalation hazard at normal workplace temperatures. Dust in high concentrations may irritate the respiratory system.

Ingestion No specific symptoms known. May cause discomfort.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

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 Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards 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 Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. 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 inhalation of dust and contact with skin and eyes.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage with a shovel and broom, or similar and reuse, if possible. Place waste in labelled, sealed 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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid inhalation of dust and contact with skin and eyes. Keep container tightly sealed when not in use.

Advice on general occupational hygiene Wash hands thoroughly after handling.

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.

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

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

8.2. Exposure controls

Protective equipment

Appropriate engineering controls Provide adequate ventilation.

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 It is recommended that chemical-resistant, impervious gloves are worn. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Hygiene measures Wash hands thoroughly after handling.

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

Appearance Powder.

Colour White.

Odour Chlorine.

pH pH (diluted solution): 10 - 11 (1%)

Melting point Not available.

Initial boiling point and range Not applicable.

Relative density 0.6 - 0.7

Solubility(ies) Soluble in water.

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9.2. Other information

Other information None.

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 Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid Acids.

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) 16,666.67

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Extreme pH Moderate pH (> 2 and < 11.5).

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Inhalation Considered to be a low inhalation hazard at normal workplace temperatures. Dust in high concentrations may irritate the respiratory system.

Ingestion No specific symptoms known. May cause discomfort.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Route of exposure Skin and/or eye contact

SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms.

12.1. Toxicity

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Toxicity	Very toxic to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability	No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential	No information available.

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	No information required.

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

14.1. UN number

UN No. (ADR/RID)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077
UN No. (ADN)	3077

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS TROCLOSENE SODIUM, DIHYDRATE)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M7
ADR/RID label	9
IMDG class	9
ICAO class/division	9

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ADN class	9

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(-)

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

National regulations	The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Revision date	22/09/2021
Revision	1
SDS number	21675
Hazard statements in full	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.