



SAFETY DATA SHEET

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9
Product number	800-288-0002 H9
Container size	500mL
UFI	UFI: 6U1D-TU6X-EP7Y-RNWE

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

Identified uses	Caustic drain cleaner. Detergent.
Uses advised against	Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier	Mirius™ A Coventry Group Company Woodhams Road Siskin Drive Coventry CV3 4FX Coventry Chemicals (Ireland) Limited 4th Floor 8-34 Percy Place Dublin 4 Ireland Tel: +44 (0) 02476 639 739 Fax: +44 (0) 02476 639 717 Email: sales@mirius.com
Contact person	For content of safety data sheet: sds@mirius.com

1.4. Emergency telephone number

Emergency telephone	+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
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National emergency telephone number UK:
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

Ireland:
National Poisons Information Centre
Beaumont Hospital
Tel: 01 809 2166 (8:00 a.m. to 10.00 p.m. 7 days a week)
Tel: 01 809 2566 (health care professionals)

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Met. Corr. 1 - H290
Health hazards	Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word	Danger
Hazard statements	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P234 Keep only in original packaging. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P273 Avoid release to the environment. P261 Avoid breathing vapour/ spray. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. 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. P501 Dispose of contents/ container in accordance with national regulations.
Supplemental label information	EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).
UFI	UFI: 6U1D-TU6X-EP7Y-RNWE
Contains	SODIUM HYDROXIDE, C12-14 ALKYL ETHER SULFATES, SODIUM HYPOCHLORITE
Detergent labelling	< 5% anionic surfactants, < 5% chlorine-based bleaching agents
Supplementary precautionary statements	P103 Read label before use. P264 Wash contaminated skin thoroughly after handling. P390 Absorb spillage to prevent material damage. P363 Wash contaminated clothing before reuse. P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended). This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

SODIUM HYDROXIDE		1-5%
CAS number: 1310-73-2	EC number: 215-185-5	
Classification		
Met. Corr. 1 - H290		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		
SODIUM HYPOCHLORITE		1-5%
CAS number: 7681-52-9	EC number: 231-668-3	
M factor (Acute) = 10	M factor (Chronic) = 1	
Classification		
Ox. Liq. 2 - H272		
Met. Corr. 1 - H290		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention immediately. Provide eyewash station and safety shower.
Inhalation	Remove affected person from source of contamination. Get medical attention immediately.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.
Inhalation	Severe irritation of nose and throat. May cause an asthma-like shortness of breath.
Ingestion	This product is corrosive. Small amounts may cause serious damage. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	May cause serious chemical burns to the skin.
Eye contact	This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage. Corneal damage.

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically. Remove contaminated clothing immediately and wash skin with soap and water.

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. Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Control run-off water by containing and keeping it out of sewers and watercourses.

5.2. Special hazards arising from the substance or mixture

Specific hazards Contact with some metals eg. aluminium, zinc can produce flammable hydrogen gas. Avoid contact with: Zinc. Aluminium.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses. Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

For non-emergency personnel Avoid contact with skin, eyes and clothing. Evacuate area. Wear self-contained breathing apparatus. Wear chemical protective suit. PVC or rubber gloves are recommended.

For emergency responders Keep unprotected persons away.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Use appropriate containment to avoid environmental contamination. Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Do not touch or walk into spilled material. Stop leak if safe to do so. Small Spillages: Flush away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Do not breathe mist. Provide adequate ventilation. Avoid the formation of mists. Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Avoid release to the environment. Never add water directly to this product as it may cause a vigorous reaction or boiling.

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Store away from the following materials: Acids. Oxidising materials.

Storage class Corrosive 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

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

SODIUM HYPOCHLORITE

Short-term exposure limit (15-minute): WEL 0.5 ppm 1.5 mg/m³

WEL = Workplace Exposure Limit.

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1.0 mg/m³
Consumer - Inhalation; Long term local effects: 1.0 mg/m³

C12-14 ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNEL Workers - Inhalation; Long term systemic effects: 175 mg/m³
Workers - Dermal; Long term systemic effects: 2750 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 52 mg/m³
Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day
Consumer - Oral; Long term systemic effects: 15 mg/kg/day

PNEC - Fresh water; 0.24 mg/l
- marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

SODIUM HYPOCHLORITE (CAS: 7681-52-9)

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

DNEL	<p>Industry - Inhalation; Long term local effects: 1.55 mg/m³</p> <p>Industry - Inhalation; Long term systemic effects: 1.55 mg/m³</p> <p>Industry - Inhalation; Short term local effects: 3.1 mg/m³</p> <p>Industry - Inhalation; Short term systemic effects: 3.1 mg/m³</p> <p>Consumer - Inhalation; Long term local effects: 1.55 mg/m³</p> <p>Consumer - Inhalation; Long term systemic effects: 1.55 mg/m³</p> <p>Consumer - Inhalation; Short term local effects: 3.1 mg/m³</p> <p>Consumer - Inhalation; Short term systemic effects: 3.1 mg/m³</p> <p>Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day</p>
PNEC	<p>- Fresh water; 0.00021 mg/l</p> <p>- marine water; 0.000042 mg/l</p> <p>- Intermittent release; 0.00026 mg/l</p> <p>- STP; 4.69 mg/l</p> <p>- ;</p>

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Personal protection

This is not a Risk/COSHH assessment. Information contained in this document should be used to conduct a risk assessment.

Information given in this document relates to the neat product as supplied. In use solutions are likely to have extreme pH values, thus use of gloves and eye protection is recommended where the assessment indicates a risk of exposure.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment that provides appropriate eye and face protection should be worn.

Hand protection

Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC). To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Particulate filter, type P2. Particulate filters should comply with European Standard EN143.

Environmental exposure controls

Avoid releasing into the environment. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless to pale yellow.

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Odour	Chlorine.
Odour threshold	No information available.
pH	pH (concentrated solution): >11
Melting point	Not determined.
Initial boiling point and range	No information available.
Flash point	This product does not sustain combustion.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	Not flammable. This product does not sustain combustion.
Upper/lower flammability or explosive limits	Product is not considered to be flammable nor explosive
Other flammability	Not applicable.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	1.04-1.06 @ 20°C
Bulk density	Not applicable for liquid.
Solubility(ies)	Soluble in water.
Partition coefficient	Not technically possible for a mixture.
Auto-ignition temperature	No information available.
Decomposition Temperature	Not determined.
Viscosity	1000-2000 cP @ 20°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Contact with acids liberates toxic chlorine gas. Reactions with the following materials may generate heat: Strong acids. In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Tin.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Possibility of hazardous reactions Contact with acids liberates toxic chlorine gas. The following materials may react violently with the product: Chlorohydrocarbons. Generates toxic gas in contact with acid. Reactions with the following materials may generate heat: Water.

10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time. Store away from incompatible materials (see Section 10). Avoid contact with acids and oxidising substances.

10.5. Incompatible materials

Materials to avoid Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc.

10.6. Hazardous decomposition products

Hazardous decomposition products Hydrogen. Chlorine. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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. Not fully tested.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

General information Corrosive to skin and eyes.

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Inhalation	Spray/mists may cause respiratory tract irritation. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach.
Skin contact	May cause serious chemical burns to the skin. Repeated exposure may cause skin dryness or cracking.
Eye contact	Causes burns. A single exposure may cause the following adverse effects: Corneal damage. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).
11.2.2 Other information	None known

Toxicological information on ingredients.

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 2,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.1

Species Rabbit

Skin corrosion/irritation

Skin corrosion/irritation Burning pain and severe corrosive skin damage.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation Not sensitising.

C12-14 ALKYL ETHER SULFATES

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 4,100.0

Species Rat

ATE oral (mg/kg) 4,100.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Species	Rat
ATE dermal (mg/kg)	2,001.0

SODIUM HYPOCHLORITE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)	8,910.0
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Species	Rat
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Notes (oral LD₅₀)	REACH dossier information.
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ATE oral (mg/kg)	8,910.0
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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)	2,001.0
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Species	Rabbit
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ATE dermal (mg/kg)	2,001.0
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Skin corrosion/irritation

Animal data	Corrosive to skin. REACH dossier information. Dose: LD50 = 20g/kg bw, 2 days, Rabbit
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Serious eye damage/irritation

Serious eye damage/irritation	Corrosivity to eyes is assumed.
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Respiratory sensitisation

Respiratory sensitisation	Not sensitising.
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Skin sensitisation

Skin sensitisation	Not sensitising.
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Germ cell mutagenicity

Genotoxicity - in vivo	REACH dossier information. Negative.
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Carcinogenicity

Carcinogenicity	Based on available data the classification criteria are not met.
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Reproductive toxicity

Reproductive toxicity - fertility	REACH dossier information. No evidence of reproductive toxicity in animal studies.
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SECTION 12: Ecological information

Ecotoxicity	The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
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Ecological information on ingredients.

SODIUM HYDROXIDE

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is harmful to aquatic organisms.

Acute aquatic toxicity

Acute toxicity - aquatic plants May cause long lasting harmful effects to aquatic life.

Acute toxicity - terrestrial Can cause damage to vegetation.

Ecological information on ingredients.

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish REACH dossier information.
LC₅₀, 96 hours: < 180 mg/l, Freshwater fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 40.4 mg/l, Freshwater invertebrates

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not available.

Chronic toxicity - aquatic invertebrates Not available.

C12-14 ALKYL ETHER SULFATES

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 7.1 mg/l, Brachydanio rerio (Zebra Fish)
REACH dossier information.

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 7.2 mg/l, Daphnia magna
REACH dossier information.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 28 days: 0.14 mg/l, Oncorhynchus mykiss (Rainbow trout)
REACH dossier information.

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 0.27 mg/l, Daphnia magna
REACH dossier information.

SODIUM HYPOCHLORITE

Acute aquatic toxicity

LE(C)₅₀ 0.01 < L(E)C₅₀ ≤ 0.1

M factor (Acute) 10

Acute toxicity - fish EC₅₀, 96 hours: 0.01-0.1 mg/l,

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.01-0.1 mg/l, Daphnia magna

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Acute toxicity - microorganisms	LOEC, : 0.375 mg/l, Activated sludge
<u>Chronic aquatic toxicity</u>	
NOEC	0.001 < NOEC ≤ 0.01
Degradability	Rapidly degradable
M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability The product contains inorganic substances which are not biodegradable. May accumulate in soil and sediment. Substantially removed in biological treatment processes. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

Ecological information on ingredients.

SODIUM HYDROXIDE

Persistence and degradability The product contains inorganic substances which are not biodegradable.

C12-14 ALKYL ETHER SULFATES

Biodegradation Expected to be readily biodegradable.
Water - Degradation 100%: 28 days
REACH dossier information.

SODIUM HYPOCHLORITE

Stability (hydrolysis) Water
- Half-life 10% NaOCl: 220 days @ 25°C
- Half-life 5% NaOCl: 790 days @ 25°C
REACH dossier information.

Biodegradation The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Not technically possible for a mixture.

Ecological information on ingredients.

SODIUM HYDROXIDE

Bioaccumulative potential No data available on bioaccumulation.

C12-14 ALKYL ETHER SULFATES

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient log Pow: ~ 0.3 REACH dossier information.

SODIUM HYPOCHLORITE

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

Bioaccumulative potential Low potential for bioaccumulation.

Partition coefficient log Kow: -3.4174 REACH dossier information.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

SODIUM HYDROXIDE

Mobility The product is soluble in water.

C12-14 ALKYL ETHER SULFATES

Mobility The product is soluble in water.

Adsorption/desorption coefficient - Log Koc: 0.34 @ °F

SODIUM HYPOCHLORITE

Henry's law constant 0.076 @ 20°C

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. Endocrine disrupting properties

Endocrine disrupting properties This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

Ecological information on ingredients.

SODIUM HYDROXIDE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

C12-14 ALKYL ETHER SULFATES

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

SODIUM HYPOCHLORITE

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current UK criteria.

12.6. Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

SODIUM HYDROXIDE

Other adverse effects Not determined.

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Dispose of waste product or used containers in accordance with local regulations Empty containers or liners may retain some product residues and hence be potentially hazardous. This material and its container must be disposed of in a safe way.
Disposal methods	Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with national/local regulations
Waste class	EWC Code: 20 01 29

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	1760
UN No. (ADN)	1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (IMDG)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (ICAO)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (ADN)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels



14.4. Packing group

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

500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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	<p>GB (UK) CLP and REACH Regulations.</p> <p>The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).</p> <p>Control of Pollution (Special Waste) Regulations 1980 (as amended).</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].</p> <p>EH40/2005 Workplace exposure limits.</p> <p>The Hazardous Waste Regulations 2005.</p> <p>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).</p> <p>The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).</p> <p>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).</p> <p>The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).</p> <p>The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).</p>
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500 ML SUPER PROFESSIONAL SINK, SHOWER & DRAIN UNBLOCKER H9

EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)
 European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)
 European Regulation (EC) No 648/2004 on detergents (as amended)
 Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.
 Waste Material Code 91/689/EEC

Guidance

Technical Guidance WM2: Hazardous Waste.
 COSHH Essentials.
 ECHA Guidance on the Application of the CLP Criteria.
 ECHA Guidance on the compilation of safety data sheets.
 Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

EWC European Waste Catalogue
 STOT RE = Specific target organ toxicity-repeated exposure
 PBT: Persistent, Bioaccumulative and Toxic substance.
 vPvB: Very Persistent and Very Bioaccumulative.
 PNEC: Predicted No Effect Concentration.
 DNEL: Derived No Effect Level.

General information

Only trained personnel should use this material.

Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision. Review of SDS with no change of classification. Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid.

Revision date

18/03/2024

Revision

3

Supersedes date

31/08/2022

SDS number

21858

Hazard statements in full

H272 May intensify fire; oxidiser.
 H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.