

MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name BATHROOM CLEANER CONCENTRATE

1.2. Relevant identified uses of the substance or mixture

and uses advised against Identified uses Acidic

Detergent. For professional use only.

Uses advised against Not for use by hand. Not for Direct Oral Consumption. Must not be used where Hypochlorite based chemicals (Bleach) are present.

1.3. Details of the supplier of the safety data sheet

Supplier **Swadesh International (WHO-GMP Certified)**

Office : H/1, sumel-7, soni Ni chawl, Rakhial, Ahmedabad, Gujarat.

Work: Plot :7, Sri Hari ind. Jak-kadadara Road, Gandhinagar. Gujarat.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Classification

Physical hazards Met. Corr. 1 - H290
Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards Not Classified

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.
Precautionary statements	P234 Keep only in original packaging. P280 Wear protective gloves, eye and face protection.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. P313 Get medical advice/ attention.
Supplementary precautionary statements	P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	C.A.S. No.
FATTY AMINE ETHOXYLATE	26635-93-8
HYDROCHLORIC ACID	7647-01-0
CETYL TRIMETHYL AMMONIUM CHLORIDE	112-02-7
BUTYLATED HYDROXYTOLUENE	128-37-0

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information	When it is safe to do so, remove victim immediately from source of exposure. However, consideration should be given as to whether moving the victim will cause further injury. For immediate First Aid advice in the UK, dial 111.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.
Skin contact	Remove contaminated clothing that is not stuck to the skin. Flush area with clean water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
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 information given here relates to the neat chemical, dilutions may also cause chemical burns to skin and permanent eye damage.
Inhalation	Unlikely route of exposure. If mixed with Hypochlorite based products (Bleach) Chlorine Gas may be evolved, this can result in irritation to eyes and difficulty in breathing. If inhaled this may result in irritation to the mouth, nose and respiratory tract. Coughing, chest tightness, feeling of chest pressure.
Ingestion	Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, chemical burning of mouth, throat and GI tract will occur. Similar but less severe symptoms will be seen if dilute chemical is ingested.
Skin contact	Burns can occur.
Eye contact	Extreme pain and blurred vision. May result in permanent eye damage.

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

Notes for the doctor	Contains Phosphoric Acid and wetting agents. Rinse well with water until skin and eyes are at a normal pH. Note on initial dilution this product will thicken to form a substantive but water soluble gel. If mixed with bleach will produce Chlorine Gas, check for respiratory disorders.
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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	On heating corrosive fumes may be produced.
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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.
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6.2. Environmental Precautions

Environmental precautions	Spillages or uncontrolled discharges into water courses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Keep above the chemical's freezing point. Store between +5 and +40 Degrees C. Keep away from chlorinated and alkaline products.

7.3. Specific end use(s)

Specific end use(s) Toilet cleaner

Usage description Refer to use instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Chemical splash goggles or face shield. Refer to EN Standard 166 to select appropriate level of protection.

Hand protection Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Other skin and body protection Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Respiratory protection No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Ensure adequate ventilation, do not breathe in spray or vapours.

Environmental exposure controls Do not allow the substance to contaminate surface water/ground water. See points 6, 12 & 13. Discharge of solutions into effluent systems (including municipal drains) or to surface water are expected to cause significant pH changes. Discharge of solutions should be carried out such that pH changes are minimized. Where necessary pH buffering measures should be adopted.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Transparent
Odour	None
Odour threshold	Not applicable.
pH	pH 1 - 2
Melting point	Not applicable.
Initial boiling point and range	Not available.
Flash point	Not applicable. Contains no Flammable Components
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable. Technically not feasible.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Viscosity will increase upon addition of water.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable. Does not meet the criteria for classification as oxidising.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions. Stable under normal temperature conditions and recommended use. Avoid contact with caustic/alkaline material; this will generate heat and potentially corrosive vapour. Avoid contact with bleach and other
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hypochlorite based products; this will produce toxic Chlorine gas.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.4. Incompatible materials

Materials to avoid Contact with Hypochlorite based products will liberate Toxic Chlorine Gas.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of neat product is unlikely.
Ingestion	May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	Causes Burns.
Eye contact	Risk of serious damage to eyes. May cause permanent eye injury

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity This product is not classified as hazardous to the environment. However it contains a component (or components) that is (are) classified as very toxic to the aquatic environment in their neat form. Normal use is unlikely to pose a risk to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered. Do not mix with other chemicals. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.