



MATERIAL SAFETY SHEET

Date prepared: November 2003

PRODUCT NAME:	BATHROOM MASTER
CHEMICAL NAME	Chlorinated Foaming Cleaner
UN No:	1760
DANGEROUS GOODS CLASS	8
PACKAGING GROUP	II
HAZCHEM CODE	2R
POISONS SCHEDULE	S6
SUBSIDIARY RISK	Not applicable
USES	heavy duty mould and mildew remover for use in shower recesses, bathroom areas, etc. providing a clean surface free from microbial contamination.

PHYSICAL DESCRIPTION & PROPERTIES

APPEARANCE	Clear liquid. Miscible with water in all proportions. May become pale brown on storage.
BOILING POINT	No data
MELTING POINT	No data
VAPOUR PRESSURE	Not available
VAPOUR DENSITY	Not available
VOLATILES	70% w/w
WEIGHT per ml	about 1.08 gr
EVAPORATION RATE	No data
FLAMMABILITY LIMITS	Not applicable
FLASH POINT	Greater than 61°C
ODOUR	Slight chlorine odour
AUTOIGNITION TEMPERATURE	No data
OTHER PROPERTIES	Simple to use, no mixing or diluting, non-toxic. All surfaces subject to food contact must be thoroughly rinsed With potable water, avoid food contamination.

INGREDIENTS

Chemical Entity	Cas Number	Proportion % w/w
Sodium Hydroxide	1310-73-2	Low <10
Sodium Hypochlorite	7681-52-9	Low <10
Amine Oxide	70592-80-2	Low <10
Fatty Acid Sarcoside Sodium Salt	68439-57-6	Low <10
Water	7732-18-5	to 100

HEALTH EFFECTS:	Acute Hazardous according to the Criteria of Workplace Australia. Product is harmless when used according to directions.
Inhaled:	Not normally an inhalation hazard, however if breathed in fumes can cause irritation of the nose and throat.
Swallowed:	Severely irritating to mucous membranes. Is likely to cause gastric upset, nausea, intense irritation, pain and possible vomiting.
Eyes:	Extreme irritant will cause redness. Concentrated solutions can cause severe burns and permanent eye damage
Skin:	May cause irritation and de-fatting of the skin Chronic Prolonged contact with skin may cause dermatitis

HEALTH HAZARD INFORMATION

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre

Phone: 131126

Inhaled	Remove from exposure immediately to fresh air, rest patient and seek medical advice if necessary. If NOT breathing apply artificial resuscitation.
Swallowed and	If swallowed, do NOT induce vomiting. Give a glass of water to drink and seek immediate medical advice.
Eyes	If in eyes, hold eyes open, flood with water for at least 15 minutes and seek a doctor immediately.
Skin	Remove all contaminated clothing. Wash skin thoroughly, preferably with mild soap and water. Wash contaminated clothing thoroughly before re-use, using laundry powder or soap and cold water. Rinse detergent clear.

FIRST AID FACILITIES

Recommended: Eye wash. Hand-wash basin and an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming.

ADVICE TO DOCTOR

Treat symptomatically, Is severely irritant to eyes. Vomiting should not have been induced because of risk of aspiration into the lungs.

PRECAUTIONS FOR USE

EXPOSURE LIMITS

Low toxicity (available chlorine 62,500 ppm)

ENGINEERING CONTROLS

Ensure adequate ventilation (same as outdoors) when using to maintain exposure levels below standards. Use mechanical ventilation or extraction, as appropriate, to keep concentration of chlorine in atmosphere low. Segregate from other chemicals, including separate spill containment. Use corrosion proof structures and fittings.

PERSONAL PROTECTION

Avoid contact with the skin and eyes. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard.

Normal Use: Gloves, rubber or plastic, boots, goggles or glasses

Industrial Quantities: Face shield or safety glasses

Self-contained breathing apparatus

Fume cupboard/cubicle, extraction hood

Gloves, rubber or plastic

Overalls, plastic apron, sleeves and boots

Do not breathe vapour. Prevent contact with the skin and eyes. Wash hands after use.

FLAMMABILITY Material is non flammable.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT

Storage Temperature Room temperature

Packaging Group II

UN Number 1760

Storage Advice:

Store at room temperature, well ventilated place, out of reach of children.

Store in original container, keep container upright in a cool dry area out of the sun. Protect from physical damage. Clean up all spills and splashes promptly, avoid secondary accidents.

Keep the lid on container closed when not in use. Store away from corrosive & acids and oxidising agents. Also keep away from foodstuffs. Transport in accordance to the code of Transport for Dangerous Goods.

SPILLS & DISPOSALS

Dispose of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. **CAUTION:** Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance.

CARE! Spillages will be slippery.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on inert absorbent, transfer to container and arrange removal by disposal's company. Wash the site of spillage thoroughly with water. Ventilate area to dispel any residual vapours.

DECOMPOSITION PRODUCT

Gradually loses chlorine during storage.
In a fire will generate a mixture of chlorine and sodium hydroxide.
Avoid contact with coloured fabric as chlorine may bleach colour out.

FIRE/EXPLOSION HAZARD

Material is non flammable.

In case of small fire/explosion use:	Water
In case of major emergency	
HAZCHEM CODE	2R
Extinguishant	Water
Protective clothing	Breathing apparatus and protective gloves for fire only
Appropriate Measures	Dilute
Evacuate?	No

OTHER INFORMATION

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

This MSDS is based on information concerning the product which has been provided to Ecowash Systems by the raw material manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Ecowash Systems has taken all due care to include accurate and up-to-date Information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Ecowash Systems accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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