

SAFETY DATA SHEET



Product: MOULD MASTER

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	MOULD MASTER		
SUPPLIER:	BUSHBY CLEANING PRODUCTS		
ADDRESS:	21 Activity Crescent, Molendinar Qld 4214		
TELEPHONE:	07 5539 2244	FAX:	07 5539 2244
AH EMERGENCY TELEPHONE:	13 1126 in Australia	Product Code:	
Substance:	Water based	Product Use:	Mould, moss and algae remover
Creation Date:	AUGUST 2018	Revision Date:	AUGUST 2023

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS - GLOBALLY HARMONISED SYSTEM

GHS Classification	Skin Corrosion – Category 2 Eye Damage - Category 1 Acute Aquatic Toxicity - Category 2
GHS Pictogram	

GHS Signal Word	DANGER
-----------------	---------------

Hazard statement(s)

H315	Causes skin irritation.
H318	Causes serious eye damage.
H401	Toxic to aquatic life.

Precautionary statement(s): General

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.

Precautionary statement(s): Prevention

P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/eye protection/face protection.

Precautionary statement(s): Response

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
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 POSION CENTRE or doctor/physician.

Precautionary statement(s): Storage

SAFETY DATA SHEET



Product: **MOULD MASTER**

None allocated.

Precautionary statement(s): Disposal

None allocated.

ADG CODE DANGEROUS GOODS

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated

POISON SCHEDULES

SUSMP Classification S5 (QUATERNARY AMMONIUM COMPOUNDS >5%)

EMERGENCY OVERVIEW

Colour	Clear	Odour	Faint
Physical Description	Liquid	Viscosity	Non-viscous
Major Health Hazards	None known		

Note

IMPORTANT This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied.
When diluted to 1:5 or greater with water, they no longer apply.
However, ensure good hygiene and housekeeping practices are adhered to.

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:
Alcohol ethoxylate	68439-50-9	< 10% w/w
Quaternary ammonium compounds	63449-41-2	< 10% w/w
Ingredients determined to be non-hazardous	various	< 10% w/w
Water	7732-18-5	To 100% w/w

NOTE: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011.
Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities Required	Ensure there is access to eye washes.
Inhalation	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
Skin contact	Wash skin with plenty of water. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.

SAFETY DATA SHEET



Product: MOULD MASTER

Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Advice to Doctor	Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing equipment / media

Extinguish media Use an extinguishing media suitable for surrounding fires.

Special hazards arising from the chemical

Fire incompatibility No known incompatibility

Special protective equipment and precautions for fire fighters

Fire Fighting

- Alert Fire Brigade and tell them the location and the nature of the hazard.
- Wear full body protective clothing with breathing apparatus.
- Prevent spillage from entering drains or watercourse.
- Cool hot containers with water spray.

Fire/Explosion Hazard If involved in a fire will emit toxic fumes. Containers may explode on heating.

Flash Point Does not support combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Emergency Procedures

- No HAZCHEM code.

Minor spills

- Clean up spills immediately.
- Avoid contact with skin and eyes.
- Use Personal Protective Equipment.
- Contain and absorb spill with vermiculite or other suitable material.
- Sweep or wipe up.
- Place in a suitable container for disposal.

Major spills

- Clear area of personnel.
- Use Personal Protective Equipment.
- Prevent spill from entering drains or watercourse.
- If contamination occurs contact emergency services.
- Contain and absorb spill with vermiculite or other suitable material.
- Label collected material for disposal.
- Decontaminate if necessary (see section 13).
- Launder and clean all protective equipment prior to being re-used.

Environmental precautions

SAFETY DATA SHEET



Product: MOULD MASTER

	<ul style="list-style-type: none"> • Use appropriate containment to avoid environmental contamination. • Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. • DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. • Inform local authorities if this occurs.
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Methods and materials for containment and cleaning up

	<ul style="list-style-type: none"> • Avoid contact with spilled or released material. • Shut off leaks, if possible without personal risks. • Isolate hazard area and deny entry to unnecessary or unprotected personnel. • Personal protective equipment advice is contained in Section 8 of the SDS.
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Safe handling	<ul style="list-style-type: none"> • Wear prescribed protective clothing. • Do NOT eat, drink or smoke when handling. • Wash hands after use. • Keep containers closed tightly when not in use. • Store in accordance to manufacturer's instructions.
Other information	<ul style="list-style-type: none"> • Store in original containers. • Store in a cool, dry, well ventilated area out of direct sunlight.

Conditions for safe storage, including any incompatibilities

Storage	Store in a cool, dry place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (section 10). Keep containers closed at all times – check regularly for leaks.
Suitable container	Store in original containers provided by the manufacturer.
Storage incompatibility	Store in a well-ventilated area, away from sunlight. Do not store near strong oxidants.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits (OEL)	See Ingredients Data and Emergency Limits below.
-------------------------------------------	--------------------------------------------------

Ingredients data

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australian Exposure Standards	Not available	Not available	Not available	Not available	Not available	Not available



Emergency limits

SAFETY DATA SHEET



Product: MOULD MASTER

Ingredient	TEEL-0	TEEL-1	TEEL-2	TEEL-3
IDLH data				
Ingredient	Original IDLH		Revised IDLH	

PERSONAL PROTECTION PPE	
Ventilation	Use in a well-ventilated area. Ensure ventilation is adequate to maintain air concentrations below exposure standards.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
Eye Protection 	Eye and face protection recommended. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.
Skin Protection 	Gloves are recommended. Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.
Protective Material Types	Material suitable for mild detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
Respirator	Generally not required to handle the product as per label directions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Non-viscous liquid	Colour	Clear
Odour	faint	Specific Gravity	1.00 – 1.02 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	Not available
Water Solubility	Miscible in all proportions	pH	7.0 – 7.5 neat
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 90 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Stable at normal temperatures and pressure.
-------------------	---------------------------------------------

SAFETY DATA SHEET



Product: MOULD MASTER

Chemical stability	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to avoid	No special requirements.
Incompatible materials	None known.
Hazardous decomposition products	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.
Hazardous Reactions	None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhaled	Inhalation over exposure may result in mucous membrane irritation of the respiratory tract and coughing.
Ingestion	Ingestion may result in irritation to the mouth and throat, nausea, vomiting.
Skin Contact	Skin contact may result in mild irritation. Severity depends on the concentration and duration of exposure.
Eye	A severe eye irritant capable of causing severe conjunctivitis. Corneal damage may develop, with possible impairment of vision, if not promptly and adequately treated.
Chronic	No known effects.

MOULD MASTER	TOXICITY LD50 calculated >3,000mg/kg not toxic	IRRITATION Cat 1 eye irritation Cat 2 skin irritation
---------------------	-------------------------------------------------------------	--------------------------------------------------------------------

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See SECTION 3 for actual proportions of ingredients present in this product.

Individual constituents

Alcohol ethoxylate			
Acute Toxicity	LD50 Oral Rat - Male, Female 1200 mg/kg	Carcinogenicity	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
Skin Irritation/Corrosion	LD50 Dermal Rat - Male, Female >2000 mg/kg	Reproductivity	No data available
Serious Eye Damage/Irritation	EYE IRRITATION: Severe eye irritant	STOT – Single Exposure	No data available
Respiratory or Skin sensitivity	No data available	STOT – Repeated Exposure	No data available
Mutagenicity	No data available	Aspiration Hazard	No data available

QUATERNARY AMMONIUM COMPOUNDS

Acute Toxicity	Acute oral toxicity (LD50): 240 mg/kg [Rat].	Carcinogenicity	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
-----------------------	----------------------------------------------	------------------------	--------------------------------------------------

SAFETY DATA SHEET



Product: MOULD MASTER

Skin Irritation/Corrosion	Skin – moderate irritant (rabbit) Eyes – severe irritant (rabbit)	Reproductivity	No data available
Serious Eye Damage/Irritation	YES	STOT – Single Exposure	No data available
Respiratory or Skin sensitivity	YES	STOT – Repeated Exposure	No data available
Mutagenicity	No data available	Aspiration Hazard	No data available

SECTION 12 – ECOLOGICAL INFORMATION

General	No single ingredient (over 1%) recognised as environmental pollutant. Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.	
Aquatic Toxicity		
MOULD ASTER (as sold)	Acute Toxicity to fish (calculated from ingredients) : LC50: 4 - 5 mg/L Acute Aquatic Category 2 - Toxic to aquatic life. LC50 < 10 , but >1 mg/L. Biodegradable.	
MOULD MASTER (at use dilution 1:100 rinse)	Acute Aquatic Toxicity (Calculated) LC50: 400 - 500 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS – Not harmful to aquatic life. LC50 > 100mg/L. Biodegradable	
Persistence and degradability	Persistence: Water/Soil	Persistence: Air
	biodegradable.	Not Available
Bio accumulative potential	No bioaccumulation is expected.	
Mobility in soil	Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.	

SECTION 13 – DISPOSAL CONSIDERATIONS

Product and Packaging Disposal	Dispose of contents/container to chemical landfill. Consult local or regional waste management authority for further details.
---------------------------------------	-------------------------------------------------------------------------------------------------------------------------------

SECTION 14 – TRANSPORT INFORMATION

Labels Required	
ADG	None allocated
Marine Pollutant	no
HAZCHEM	None allocated
Land Transport (ADG)	
UN number	None allocated
Packing group	None allocated
UN proper shipping name	None allocated
Environmental hazard class(es)	None allocated
Transport hazard class(es)	None allocated
Special precautions for user	None allocated

SAFETY DATA SHEET



Product: **MOULD MASTER**

SECTION 15 – REGULATORY INFORMATION

Labeling Details

GHS Classification	Skin Corrosion – Category 2 Eye Damage - Category 1 Acute Aquatic Toxicity - Category 2
SUSMP	S5
ADG Code	nil
AICS	All ingredients present on AICS.

SECTION 16 – OTHER INFORMATION

Issue Date	6 th August 2018
Version Number	V 3.0
Abbreviations and acronyms	<p>ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</p> <p>AICS: Australian Inventory of Chemical Substances.</p> <p>CAS Number: Chemical Abstracts Service Registry Number.</p> <p>GHS: Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</p> <p>HSIS: Hazardous Substances Information System</p> <p>IARC: International Agency for Research on Cancer.</p> <p>NOHSC: National Occupational Health and Safety Commission.</p> <p>NTP: National Toxicology Program (USA).</p> <p>SDS: Safety Data Sheet</p> <p>STEL: Short Term Exposure Limit.</p> <p>SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</p> <p>TWA: Time Weighted Average.</p> <p>UN Number: United Nations Number.</p>
Literature references	<p>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)</p> <p>GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)</p> <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. “Australian Exposure Standards”</p> <p>List of Designated Hazardous Substances [NOHSC:10005(1999)]</p> <p>Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons 2015.</p> <p>Material Safety Data Sheets – individual raw materials – Suppliers.</p> <p>Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]</p> <p>HSIS – Hazardous Substance Information System – National Worksafe Data Base.</p> <p>LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011</p>

SAFETY DATA SHEET

BUSHBY
greener science

Product: MOULD MASTER

	IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012
Risk assessments	This SDS is a tool to communicate hazards which can assist you in creating relevant risk assessments for your workplace. There are many variables in determining whether a particular hazard is a risk in your workplace. Keep in mind this may be influenced by such things as the amount used, frequency of use, engineering controls, effectiveness of safety training and many more considerations.
Disclaimer	This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.
Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
Copyright	This document is copyright.

End of SDS