

In accordance with Safe Work Australia COP  
Preparation of Safety Data sheets for Hazardous Chemicals 2011 & NZ HSNOCOP 8-1 2006

## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the company

1. Product and Company identification.
  - 1.1 Product name: Wet & Forget Moss & Mould Remover
  - 1.2 Manufacturers product code: 10590
  - 1.3 Company name:  
Wet and Forget (Australia) Pty Ltd  
Meridian Building  
C4/15 Narabang Way  
Belrose  
NSW 2085  
Australia  
  
Phone Sydney 61 2 9986 2126  
Fax Sydney 61 2 9986 2077  
sales@wetandforget.com.au
  - 1.4 Emergency Telephone Number:  
NSW Poisons Centre Phone Toll Free 131 126

## 2. Hazards identification

### Hazard Classification

Classified as hazardous according to the criteria of NOHSC Approved Criteria for Classifying Hazardous Substances.

Classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals.

Classified as hazardous according to the criteria of HSNO Minimum degrees of hazard regulations.

Classified as dangerous goods according to the Australian Code for Transport of Dangerous Goods (ADG).

Classified as dangerous goods according to the Transport of Dangerous Goods on Land (NZS5433).

### Classification:

GHS Class	HSNO Class	SIGNAL WORD	Hazard Statement
6.1E	Acute Toxicity/ Oral: Cat 5	Warning	H303 May be harmful if swallowed.
6.3A	Skin corr/irr't: Cat 2	Warning	H315 Causes skin irritation.
8.3A	Eye damage/ irr't: Cat 1	Danger	H318 Causes serious eye damage.
9.1A	Aquatic Toxicity: Cat 1	Warning	H411 Toxic to aquatic life with long lasting effects.

# Wet & Forget Moss & Mould Remover

## SAFETY DATA SHEET

Date of Issue: 19 December 2016

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### Label elements

Hazardous components which must be listed on the label  
(Benzalkonium chloride >10 - <30%)



Signal Word: DANGER

### Precautionary Statements:

- P102 Keep out of reach of children  
P103 Read label before use  
P260 Do not breathe dust/fume/gas/mist/vapours/spray  
P264 Wash all affected areas of the body thoroughly after use  
P270 Do not eat, drink or smoke when using this product  
P273 Avoid release to the environment  
P280 Wear protective clothing/protective gloves/eye protection/face protection  
P101 If medical advice is needed, have product container or label at hand  
P301+P330+  
P331 + P312 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.  
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 re-use  
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P310 Immediately call a POISON CENTRE or doctor/physician  
P305+P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician  
P391 Collect spillage  
P405 Store locked up  
P501 Dispose of the substance and any packaging responsibly.

## 3. Composition/information on ingredients

### Hazardous ingredients

Component	CAS #	EINECS #	Proportion
Benzyl-C12-16-alkyldimethylammonium chloride	68424-85-1	270-325-2	>10-30%
Balance of components deemed Non Hazardous	--	--	

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#### 4. First aid measures

**If on skin**

Wash skin immediately with soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.

**If in eyes**

Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE or doctor/ physician.

**If inhaled**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

**If swallowed**

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/ physician if you feel unwell. May cause chemical burns in mouth and throat.

**Advice to doctor**

Treat symptomatically

#### 5. Fire-fighting measures

**Suitable extinguishing media**

Compatible with all usual extinguishing media

**Extinguishing media that must not be used for safety reasons**

High volume water jet.

**Special hazards from the substance itself, its combustion products or from its vapours**

In the event of fire toxic fumes are emitted.

**Special protective equipment for firefighting**

Firefighters should use self-contained breathing apparatus and protective clothing in case of fire.

**Further information**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Vigorous flushing with water will cause foam

#### 6. Accidental release measures

**Environmental precautions**

Do not discharge into the subsoil/soil. Do not allow to enter watercourses or drains.

**Methods for cleaning up/taking up**

Remove leaking containers to a detached area. Bund spill area and recover – consider recycling. Contain spill with inert material. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

**Additional information**

Floors will become slippery. Vigorous flushing may generate copious foam.

Must not be released into sewers, drains or wells.

Personnel involved in clean-up require adequate respiratory, skin and eye protection in case of large spillage.

Cleaning of Equipment: Clean with water.

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## 7. Handling and storage

### Advice on safe handling

The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with government regulations.

Ensure adequate ventilation

Avoid direct contact with the substance.

Read label before use.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Avoid elevated temperatures. Reacts with copper, aluminum, zinc and their alloys. Keep locked up.

### Advice on protection against fire and explosion

No special measures necessary

## 8. Exposure controls / personal protection

### National exposure standards

#### NZ Workplace Exposure Standards

No workplace exposure standards established.

#### AU HSIS Exposure Standards

No workplace exposure standards established.

### Occupational exposure controls

#### Engineering Controls

Provide eyewash station and safety shower.

#### Hygiene measures

Observe the usual precautions when handling chemicals.

Avoid contact with skin and eyes.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

#### Respiratory protection:

If working in a confined space where ventilation is limited or a visible mist is being generated use approved half face respirator with combination cartridge filters suitable for vapours.

#### Eye protection:

Safety glasses/ goggles or face shield

#### Hand protection:

Suitable protective gloves (Nitrile rubber or butyl-rubber)

#### Skin and body protection:

Protective clothing, PVC apron and boots or full overalls.

## 9. Physical and chemical properties

<b>Form :</b>	liquid
<b>Colour :</b>	Colourless to pale yellow
<b>Odour :</b>	Slight odour
<b>Boiling point :</b>	~100°C
<b>Flash point (°C) :</b>	Not flammable.
<b>Autoignition temp :</b>	Not known
<b>Density :</b>	No data
<b>Solubility in water :</b>	Soluble in water
<b>pH :</b>	5-7 (20°, 10g/l)

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## 10. Stability and reactivity

<b>Stability :</b>	Stable at normal temperatures
<b>Incompatible materials :</b>	Mild steel. Copper. Copper alloys. Strong acids.
<b>Thermal decomposition :</b>	No decomposition if used as prescribed.
<b>Hazardous decomposition products :</b>	When used and handled as intended, none.
<b>Hazardous reactions:</b>	No hazardous reactions when stored and handled according to prescribed instructions.

## 11. Toxicological information

<b>Acute oral toxicity :</b>	LD50 >2000mg/kg (Calculation of mixture) LD50 ca. 344mg/kg (rat) (CAS: 68424-85-1)
<b>Acute Dermal toxicity:</b>	LD50 >5000 mg/kg (Calculation of mixture) LD50 ca. 3340mg/kg (rat) (CAS: 68424-85-1)
<b>Irritant effect on eye :</b>	Corrosive (Rabbit) (CAS: 68424-85-1) Exposure time : 24 h Method: DOT
<b>Irritant effect on skin :</b>	Skin corrosion/ irritation Category 2 30% solution >60 minutes Method: OECD 435
<b>Sensitisation effects:</b>	Not sensitizing (CAS: 68424-85-1) Species: guinea pig
<b>Genotoxicity in vitro:</b>	Buehler Test. Method: OECD Test Guideline 406 negative Ames test, Salmonella typhimurium Method: OECD 471 Negative Chromosome aberration test in vitro, Human lymphocytes Method: OECD 473
<b>Mutagenic effects:</b>	No data, not expected
<b>Carcinogenic effects:</b>	No data, not expected

## 12. Ecological information

<b>Aquatic toxicity :</b>	Considered to be very toxic to the aquatic environment. Calculated by summation method
<b>Fish toxicity :</b>	Refers to CAS: 68424-85-1 LC50 0.93mg/l (Oncorhynchus mykiss (rainbow trout) 96h LC50 0.28 mg/l Pimephales promelas (fathead minnow) 96h
<b>Daphnia toxicity :</b>	EC50 0.016 mg/l Daphnia magna (water flea) 48h
<b>Algae toxicity :</b>	ErC50 0.049mg/l Pseudokirchneriella subcapitata (green algae) 72h
<b>Bacteria toxicity :</b>	EC50 7.75mg/l Activated sludge. Respiration inhibition, 3h
<b>Persistence / degradability:</b>	Biodegradable OECD confirmatory Test: >90% CO2 Evolution: 95.5% Readily biodegradable: OECD 301 B
<b>Mobility:</b>	Water: completely soluble
<b>Remarks</b>	Avoid contaminating waterways. Do not allow material to enter drains or waterways.

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### 13. Disposal considerations

#### Product

Dispose of in accordance with local authority regulations.

Disposal requirements for class 8 & 9 – dispose of the substance in a landfill, incinerator, or a sewage facility if the landfill, incinerator, or sewage facility will treat the substance by changing the characteristics or composition of the substance so that the substance is no longer a hazardous substance.

#### Uncleaned packaging

Consider recycling.

### 14. Transport information

#### Land : ADG

Proper Shipping name:	Environmentally Hazardous Substance Liquid N.O.S
Dangerous goods class:	9
U.N. Number:	UN3082
Hazchem code:	3Z
Packing group:	III

Note,

Special Provision AU 01 applies.

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in;

- (a) packagings that do not incorporate a receptacle exceeding 500 kg(L); or
- (b) IBCs.

#### Land : NZS5433

Proper Shipping name:	Environmentally Hazardous Substance Liquid N.O.S
Dangerous goods class:	9
U.N. Number:	UN3082
Hazchem code:	3Z
Packing group:	III

#### Air : IATA

Proper Shipping name:	Environmentally Hazardous Substance Liquid N.O.S
Dangerous goods class:	9
U.N. Number:	UN3082
Hazchem code:	3Z
Packing group:	III

#### Sea : IMDG

Proper Shipping name:	Environmentally Hazardous Substance Liquid N.O.S
Dangerous goods class:	9
U.N. Number:	UN3082
Hazchem code:	3Z
Packing group:	III
Marine Pollutant:	No

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## 15. Regulatory information

**HSNO Approval Number:** HSR002526: Cleaning Products (Corrosive) Group Standard 2006

**Tracking:** Not required

**Approved Handler:** Not required

**Poison Schedule (SUSMP):** None allocated

### National Chemical Inventories

**AICS :** All components are listed on the Australian Inventory of Chemical Substances

**NZIoC :** All hazardous components are listed on the New Zealand Inventory of Chemicals

## 16. Other information

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Since the actual use of this product is beyond the control of Wet & Forget (Australia) Pty Ltd, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.