

# Wet & Forget Mould, Lichen and Algae Remover

## SAFETY DATA SHEET

(Prepared in accordance with  
REGULATION (EU) 2015/830)

Revision date: 22 November 2019  
Date of Issue: 22 April 2020

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### SECTION 1 Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product Identifier

Product name: Wet & Forget Mould, Lichen and Algae Remover  
Manufacturer's product code: 5L 10580

#### 1.2 Relevant identified uses of the substance and uses advised against

##### 1.2.1 Relevant identified uses:

Product for use as a surface biocide

##### 1.2.2 Uses advised against

No specific uses advised against.

#### 1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Wet & Forget Limited  
Address: 38 Apollo Drive  
Mairangi Bay P.O. Box 100-959  
North Shore Mail Centre 0745  
Auckland, New Zealand  
Telephone/Fax: +64 94764440  
Email Address: sales@wetandforget.co.nz  
National Contact: Wet & Forget Limited (UK)  
Unit 3, The Hatch Industrial  
Park Greywell Road  
Basingstoke  
RG24 7NG  
London  
Telephone/Fax 0333 900 7007 or 0800 999 3309

#### 1.4 Emergency telephone number

Phone: 0333 900 7007 or 0800 999 3309  
Availability: 24 Hours

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### SECTION 2 Hazards Identification

#### 2.1 Classification of the product

##### 2.1.1 Classification according to Regulation (EC) 1272/2008 [CLP/GHS]

Skin Irritant Category 2: H315

Eye Irritant Category 2: H319

Aquatic Acute Category 1: H400

##### 2.1.2 Additional information

Not applicable.

#### 2.2 Label Elements

##### 2.2.1 According to Regulation (EC) 1272/2008 [CLP/GHS]

Pictograms:



Signal Word: WARNING

Hazard Statements:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

Precautionary Statements:

P102: Keep out of reach of children.

P280: Wear protective gloves/eye protection.

P302+P352: if on skin: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local legislation.

#### 2.3 Other Hazards

Not applicable

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This mixture is a solution containing N-Dodecyl Hexadecyl-N,N-dimethyl benzyl ammonium chloride

The substances classified according to Regulation (EC) 1272/2008 present in this mixture are reported in the following table:

Chemical Name (CA)	Common name	CAS Number	EC Number	% (w/w)	Classification according to Regulation (EC) 1272/2008
N-Dodecyl Hexadecyl-N,N-dimethyl benzyl ammonium chloride	Benzalkonium chloride	68424-85-1	270-325-2	9.9	Acute Tox 4; H302 Skin Irrit. 1; H314 Eye Irrit 1; H318 Aquatic Acute 1; H400

The remaining components are either not hazardous or below the reporting threshold.

**SECTION 4 First Aid Measures****4.1 Description of First Aid Measures**

General notes:

Treat exposure symptomatically. Seek medical attention if symptoms develop or persist.

**Following inhalation:** Remove to fresh air from exposure. If breathing is difficult oxygen may be beneficial if administered by trained personnel. If symptoms develop, seek medical advice.

**Following skin contact:** Immediately remove contaminated clothing and wash skin with soap and plenty of water. If symptoms develop, consult a physician. Take off contaminated clothing.

**Following ingestion:** Get immediate medical attention. Do not induce vomiting. If conscious, rinse out mouth and give water to drink. Never give anything by mouth to an unconscious person.

**Following eye contact:** Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

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

Not known. Exposure should be treated symptomatically.

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

Not known. Exposure should be treated symptomatically.

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### SECTION 5 Fire fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing media appropriate to the situation of the fire and its surrounding area. Foam, dry powder, carbon dioxide and water mist are all suitable extinguishing media.

#### 5.2 Special Hazards arising from the substance or mixture

There are no unusual fire or explosion hazards associated with this product.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and a chemical protective suit.

Do not allow extinguishing water to reach ground water or sewage system. Fight fire from a distance and stay upwind.

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### SECTION 6 Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Restrict access to the area as appropriate until clean up operations are complete. Use the personal protective equipment recommended in Section 8 (Exposure controls).

Wear appropriate protective equipment and respirator where mists or vapours of unknown concentrations may be generated.

Floors may become slippery following spills.

#### 6.2 Environmental precautions

Prevent material from entering drains or waterways. If drains, streams, soil or sewers become contaminated then notify local authority.

#### 6.3 Methods and materials for containment and cleaning up

Large amounts: Remove leaking containers to a detached area. Bund spill area and recover – consider recycling. Absorb spilled product with inert material (e.g. sand, earth etc.).

Small amounts: Wash away with plenty of water.

Dispose of waste to an approved waste disposal facility.

Clean equipment used for clean-up with water.

#### 6.4 Reference to other sections

Refer to sections 8 and 13 for guidance on personal protective equipment and disposal considerations.

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### SECTION 7 Handling and Storage

#### 7.1 Precautions for safe handling

##### 7.1.1 Protective measures

Measures to prevent fire and explosion: No special measures required. Avoid eye contact. Wear chemical type goggles or safety glasses. Wear PVC gloves and protective clothing.

##### 7.1.2 Advice on general occupational hygiene

Use of the personal protective equipment referred to in Section 8 is required. Do not breathe vapours. Do not get in eyes, on skin or on clothing. Wash hands, gargle and change clothes after use. Wash the contaminated clothing separately from others.

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### 7.2 Conditions for safe storage including any incompatibilities

Do not contaminate drinking water, food or feed by storage or disposal.

### 7.3 Specific end use

This product is for use as a surface biocide for cleaning exterior surfaces.

## SECTION 8 Exposure controls/ personal protection

### 8.1 Control Parameters

None of the components of the mixture currently have exposure limit values.

### 8.2 Exposure Controls

#### 8.2.1 Appropriate engineering controls

Ventilation: In processes where mists or vapours may be generated, proper ventilation must be provided in accordance with good ventilation practices.

#### 8.2.2 Personal protection

Eye/face protection: Safety goggles should be worn.

Skin protection: PVC gloves should be worn when handling this product.

Respiratory protection: Approved respirator for organic vapours when vapour or mist may be generated.

#### 8.2.3 Environmental exposure controls.

Use the product in accordance with label instructions. Avoid unnecessary release to drains and waterways.

## SECTION 9 Physical and Chemical Properties

### Property

Appearance	Clear blue liquid
Odour	Slight almond odour
Odour threshold	Not available
pH	8.0
Melting point/Freezing point	Not available
Boiling point	100°C
Flash point	Not flammable
Evaporation rate	Not available
Flammability	Not flammable
Upper lower flammability/explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	0.995 g/ml
Solubility in water	Soluble
Solubility in organic solvents	Not available
Partition coefficient (n-octanol/water)	Not applicable
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not explosive
Oxidising properties	Not oxidising

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### SECTION 10 Stability and Reactivity

#### 10.1 Reactivity

Stable under normal operating conditions.

#### 10.2 Chemical Stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No hazardous reactions or polymerisation known.

#### 10.4 Conditions to avoid

No conditions known.

#### 10.5 Incompatible materials

Avoid contact with strong oxidising/reducing agents.

#### 10.6 Hazardous decomposition products

Toxic organic vapours/fumes, amines, CO, CO<sub>2</sub>, nitrogen oxides, hydrogen chloride may be released during decomposition.

### SECTION 11 Toxicological Information

Toxicological Endpoint	Value
Acute Oral Toxicity	Mixture: not classified Benzalkonium chloride LD50 = 2400 mg/kg bw
Acute Dermal Toxicity	Data not available
Acute Inhalation toxicity	Data not available
Skin irritation	Irritating to skin
Eye irritation	Irritating to eyes
Skin sensitisation	Negative
Repeat dose toxicity (Short term)	Data not available
Germ cell mutagenicity	None of the components of the mixture are classified as genotoxic.
Carcinogenicity	None of the components of the mixture are classified as carcinogenic
Reproductive toxicity	None of the components of the mixture are classified as toxic to reproduction

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The ecotoxicological values for benzalkonium chloride are presented in the table below

Species	Timescale	Endpoint	Value
<i>Oncorhynchus mykiss</i>	96 hour	LD <sub>50</sub>	0.823 mg/L
<i>Daphnia magna</i>	48 hour	EC <sub>50</sub>	0.11 mg/L
<i>Chlorella pyrenoidosa</i>	96 hour	EC <sub>50</sub>	0.18 mg/L

**12.2 Persistence and degradability**

Benzalkonium chloride is biodegradable in conditions below 20 ppm

**12.3 Bioaccumulative potential**

Benzalkonium chloride is not considered to be bioaccumulative

**12.4 Mobility in soil**

No information available

**12.5 Results of PBT and vPvB assessment**

A chemical safety report has not been carried out

**12.6 Other adverse effects**

No other adverse effects reported

**SECTION 13 Disposal considerations****13.1 Waste treatment methods****13.1.1 Product/Packaging disposal**

Packaging should be triple rinsed; washings should be added to the mixing spray tank. Plastics should be sent for recycling or buried in landfill.

The waste treatment code for this product is 20 01 19 municipal wastes and similar commercial, industrial and institutional wastes: Biocides.

**13.1.2 Waste treatment information**

Waste should not be disposed of by release to sewers.

**13.2 Additional information**

Ensure compliance with EC, national and local regulations. Do not dispose of wastes in the local sewer or drainage system.

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### SECTION 14 Transport Information

**14.1 UN Number - UN 3082**

**14.2 UN Proper shipping name**

Environmentally Hazardous Substance, Liquid, N.O.S (containing Benzalkonium Chloride)

**14.3 Transport hazard classes**

Class 9

**14.4 Packing group**

Land Transport (ADR/RID)

Transport hazard class 9

Packaging group III

Inland Waterways Transport

Transport hazard class 9

Packaging group III

Air Transport (ICAO/IATA)

Transport hazard class 9

Packaging group III

Marine Transport (IMDG/IMO)

Transport hazard class 9

Packaging group III

**14.5 Environmental hazards**

Wet & Forget is classified as an environmentally hazardous substance

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### SECTION 15 Regulatory Information

**15.1 Safety health and environmental regulations specific for the substance**

This safety data sheet has been compiled according to the requirements of Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830.

Wet & Forget is approved in UK under the Control of Pesticide Regulations 1986 (as amended) for use as a surface biocide on external surfaces.

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.

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### SECTION 16 Other Information

#### 16.1 Indication of changes

This is the third version of the SDS written and was updated to be in accordance with Commission Regulation (EU) 2015/830. It updates the previous Safety Data Sheets dated 10<sup>th</sup> March 2015, and 9<sup>th</sup> April 2018. Changes made include removal of all reference to Directive 67/548/EEC and any applicable Risk Phrases.

#### 16.2 Abbreviations and acronyms

CAS: Chemical Abstracts Service  
EC: Emulsifiable Concentrate  
IUPAC: International Union of Pure and Applied Chemistry  
PBT: Persistent Bioaccumulative Toxic  
vPvB: Very persistent very bioaccumulative

#### 16.3 Key literature references and sources for data

Information used in the preparation of this Safety Data Sheet has come from information provided by Wet & Forget and the UK Health & Safety Executive. Endpoints for Benzalkonium Chloride were reported by the Pesticide Properties DataBase

#### 16.4 Classification and procedure used to derive the classification according to Regulation (EC) 1272/2008 (CLP)

The classification has been derived from test data.

#### 16.5 Relevant H-statements

Hazard Statements  
H302: Harmful if swallowed  
H314: Causes severe skin burns and eye damage  
H315: Irritating to Skin  
H319: Causes serious eye irritation  
H318: Causes serious eye damage  
H400: Very toxic to aquatic life

#### 16.6 Training advice

Read instructions for use before using this product

#### 16.7 Further information

This SDS supersedes all previous issues. It summarises our best knowledge of the health and safety hazard information of the product. All users 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. Since the actual use of this product is beyond the control of Wet & Forget (NZ) 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.