

# WET&FORGET

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **WET & FORGET moss mould lichen algae remover**  
Product Code: 5L 10580, 2L 10570  
Product Use: Moss Mould Lichen Algae Remover  
Restriction of Use: Refer to Section 15

**New Zealand Supplier:** Wet & Forget (NZ) Ltd  
Address: 8 Emirali Rd  
Silverdale, Auckland  
New Zealand  
Telephone: +64 9 476 4440  
Email: sales@wetandforget.co.nz

**Emergency Telephone:** **0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 24 August 2021

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020**

**EPA Approval No: Cleaning Products (Corrosive) – HSR002526**

**Pictograms:**



Signal Word: **DANGER**

| GHS Classification and Category                   | Hazard Code | Hazard Statement                         |
|---|-------------|--|
| Skin sensitisation Cat. 1                         | H317        | May cause an allergic skin reaction.     |
| Skin corrosion Cat. 1B                            | H314        | Causes severe skin burns and eye damage. |
| Serious eye damage Cat. 1                         | H318        | Causes serious eye damage.               |
| Hazardous to the aquatic environment acute Cat. 1 | H400        | Very toxic to aquatic life.              |

| Prevention Code | Prevention Statement   |
|-----------------|--|
| P102            | Keep out of reach of children.   |
| P103            | Read label before use.   |
| P260            | Do not breathe fumes, mist, vapors or spray.                           |
| P264            | Wash hands thoroughly after handling.                                  |
| P272            | Contaminated work clothing should not be allowed out of the workplace. |
| P273            | Avoid release to the environment.                                      |
| P280            | Wear protective clothing as detailed in Section 8.                     |

| Response Code    | Response Statement   |
|------------------|--|
| P101             | If medical advice is needed, have product container or label at hand.  |
| P310             | Immediately call a POISON CENTER or doctor/physician.  |
| P363             | Wash contaminated clothing before reuse.   |
| P391             | Collect spillage.  |
| P301 + P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.   |
| P303 + P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.                       |
| P304 + P340      | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  |
| P305 + P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P333 + P313      | If skin irritation or rash occurs: Get medical advice/attention.   |

| Storage Code | Storage Statement |
|--------------|-------------------|
| P405         | Store locked up.  |

| Disposal Code | Disposal Statement                                       |
|---------------|--|
| P501          | Dispose of according to Local Regulations or Authorities |

### Section 3. Composition / Information on Hazardous Ingredients

| Ingredients   | Wt%    | CAS NUMBER. |
|---|--------|-------------|
| N-Dodecyl Hexadecyl-N,N-dimethyl benzyl ammonium chloride                   | <10    | 68424-85-1  |
| Bardac 2280   | <1     | 7173-51-5   |
| Hazardous products not triggering classification and non-hazardous products | To Bal |             |

### Section 4. First Aid Measures

Routes of Exposure:

|              |   |
|--------------|---|
| If in Eyes   | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  |
| If on Skin   | Wash with plenty of soap and water. Take off and wash contaminated clothing before reuse. If skin irritation or rash occurs: get medical advice/attention.  |
| If Swallowed | Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER or doctor/physician if you feel unwell. |
| If Inhaled   | Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.                                      |

### Most important symptoms and effects, both acute and delayed

Symptoms:

|                      |   |
|----------------------|---|
| <b>Ingestion:</b>    | Not applicable.   |
| <b>Inhalation:</b>   | Not applicable.   |
| <b>Eye Contact:</b>  | Causes severe eye damage.                               |
| <b>Skin Contact:</b> | Causes skin burns. May cause an allergic skin reaction. |

**Section 5. Fire Fighting Measures**

|   |   |
|---|---|
| <b>Hazard Type</b>  | Non Flammable or combustible.   |
| <b>Hazards from products</b>  | Toxic organic vapours/fumes, amines, CO, CO <sub>2</sub> , nitrogen oxides and hydrogen chloride.   |
| <b>Suitable Extinguishing media</b>                                 | All   |
| <b>Precautions for firefighters and special protective clothing</b> | Firefighters should use self-contained breathing apparatus and protective clothing in case of fire. |
| <b>HAZCHEM CODE</b>   | <b>3Z</b>   |

**Section 6. Accidental Release Measures****Personal precautions:**

Wear PPE as detailed in Section 8. Evacuate all unnecessary personnel. Avoid contact with skin and eyes.

**Environmental precautions:**

Do not discharge into drains/surface waters/groundwater. Remove leaking containers to a detached area. Bund spill area and recover – consider recycling.

**Spill and Disposal procedures:**

Absorb spilled product with inert material (e.g. sand, earth etc.) Small amounts: Wash away with plenty of water. Keep in suitable, closed containers for disposal. Dispose of according to Section 13.

**Section 7. Handling and Storage****Precautions for Handling:**

- Read label before use.
- Do not breathe fumes, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.

**Precautions for Storage:**

- Do not store with incompatible materials listed in Section 10.
- Store locked up away from children.
- Do not contaminate drinking water, food or feed by storage or disposal.

**Section 8 Exposure Controls / Personal Protection****WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

| Substance | TWA |                   | STEL |                   |
|-----------|-----|-------------------|------|-------------------|
|           | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

## Engineering Controls

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

## Personal Protection Equipment



|                         |  |
|-------------------------|--|
| <b>Eyes</b>             | Safety glasses/ goggles or face shield.  |
| <b>Hands and Skin</b>   | Suitable protective gloves (PVC) and protective clothing and boots.  |
| <b>Respiratory</b>      | Approved respirator for organic vapours when vapour or mist may be generated.  |
| <b>Hygiene Measures</b> | Observe the usual precautions when handling chemicals. Avoid contact with skin and eyes.<br>Wash thoroughly after handling.<br>Do not eat, drink or smoke when using this product. |

## Section 9 Physical and Chemical Properties

|   |                   |
|---|-------------------|
| <b>Appearance</b>                       | Clear blue Liquid |
| <b>Odour</b>                            | Slight almond     |
| <b>Odour Threshold</b>                  | Not available     |
| <b>pH</b>                               | 10                |
| <b>Boiling Point</b>                    | >100°C            |
| <b>Melting Point</b>                    | Not available     |
| <b>Freezing Point</b>                   | Not available     |
| <b>Flash Point</b>                      | Not available     |
| <b>Flammability</b>                     | Not available     |
| <b>Upper and Lower Explosive Limits</b> | Not available     |
| <b>Vapour Pressure</b>                  | Not available     |
| <b>Vapour Density</b>                   | Not available     |
| <b>Density</b>                          | 0.995g/ml @ 20°C  |
| <b>Solubilities in water</b>            | Soluble           |
| <b>Partition Coefficient:</b>           | Not available     |
| <b>Auto-ignition Temperature</b>        | Not available     |
| <b>Decomposition Temperature</b>        | Not available     |
| <b>Kinematic Viscosity</b>              | Not available     |
| <b>Particle Characteristics</b>         | Not available     |
| <b>Max % volatile</b>                   | 90                |

## Section 10. Stability and Reactivity

|   |   |
|---|---|
| <b>Stability of Substance</b>           | This product is stable under normal conditions.   |
| <b>Reactivity</b>                       | No hazardous reactions when stored and handled as per instructions.                               |
| <b>Conditions to Avoid</b>              | None known.   |
| <b>Incompatible Materials</b>           | Strong oxidizing/reducing agents.   |
| <b>Hazardous Decomposition Products</b> | Toxic organic vapours/fumes, amines, CO, CO <sub>2</sub> , nitrogen oxides and hydrogen chloride. |

**Section 11 Toxicological Information****Acute Effects:**

|                   |   |
|-------------------|---|
| <b>Swallowed</b>  | Not applicable.   |
| <b>Dermal</b>     | Not applicable.   |
| <b>Inhalation</b> | Not applicable.   |
| <b>Eye</b>        | Causes serious eye damage.                              |
| <b>Skin</b>       | Causes skin burns. May cause an allergic skin reaction. |

**Chronic Effects:**

|                               |                 |
|-------------------------------|-----------------|
| <b>Carcinogenicity</b>        | Not applicable. |
| <b>Reproductive Toxicity</b>  | Not applicable. |
| <b>Germ Cell Mutagenicity</b> | Not applicable. |
| <b>Aspiration</b>             | Not applicable. |
| <b>STOT/SE</b>                | Not applicable. |
| <b>STOT/RE</b>                | Not applicable. |

**Section 12. Ecotoxicological Information**

Very toxic to aquatic life.

|                                      |  |
|--------------------------------------|--|
| <b>Persistence and degradability</b> | Biodegradable in concentrations below 20ppm. |
| <b>Bioaccumulation</b>               | No data available.                           |
| <b>Mobility in Soil</b>              | No data available.                           |
| <b>Other adverse effects</b>         | No data available.                           |

Do not allow to enter waterways.

**Section 13. Disposal Considerations****Disposal Method:**

Triple rinse and then send drum to recycling facility

**Precautions and methods to avoid:** Do not allow to enter waterways

**Section 14 Transport Information**

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

**Road, Rail, Sea and Air Transport**

|                             |  |
|-----------------------------|--|
| <b>UN No</b>                | 3082   |
| <b>Class - Primary</b>      | 9  |
| <b>Packing Group</b>        | III  |
| <b>Proper Shipping Name</b> | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S (CONTAINING BENZALKONIUM CHLORIDE)   |
| <b>Marine Pollutant</b>     | Yes  |
| <b>Special Provisions</b>   | If the product's individual container is below 5L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG. |

**Section 15 Regulatory Information**

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Cleaning Products (Corrosive) – HSR002526

GHS Classification:

Skin sensitisation Cat. 1

Skin corrosion Cat. 1B

Serious eye damage Cat. 1

Hazardous to the aquatic environment acute Cat. 1

Trigger quantities for this substance:

| <b>HSW (HS) Regulations 2017 and EPA Notices</b> | <b>Trigger Quantity</b>   |
|--|---------------------------|
| Certified Handler                                | Not required              |
| Location Certificate                             | 250L (Skin Corr. 1B)      |
| Tracking Trigger Quantities                      | Not required              |
| Signage Trigger Quantities                       | 100L (Aquatic Acute 1)    |
| Emergency Response Plan                          | 100L (Aquatic Acute 1)    |
| Secondary Containment                            | 100L (Aquatic Acute 1)    |
| Restriction of Use                               | Use only as label directs |

**Section 16 Other Information****Glossary**

|                  |   |
|------------------|---|
| Cat              | Category  |
| EC <sub>50</sub> | Median effective concentration.   |
| EEL              | Environmental Exposure Limit.   |
| EPA              | Environmental Protection Authority  |
| HSNO             | Hazardous Substances and New Organisms.   |
| HSW              | Health and Safety at Work.  |
| LC <sub>50</sub> | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD <sub>50</sub> | Lethal dose to kill 50% of test animals/organisms.                                      |
| LEL              | Lower explosive level.  |
| OSHA             | American Occupational Safety and Health Administration.                                 |
| TEL              | Tolerable Exposure Limit.   |
| TLV              | Threshold Limit Value-an exposure limit set by responsible authority.                   |
| UEL              | Upper Explosive Level   |
| WES              | Workplace Exposure Limit  |

**References:**

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

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Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

Issue Date: 24 August 2021

Review Date: 24 August 2026