

Safety Data Sheet Issue Date 29/9/2014

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Move-It Total Moss & Mould Concentrate

Recommended Use: Multi-Purpose, Biodegradable Alkaline Cleaner, Sanitizer and Moss, Mould, Lichen, Algae spore killer and inhibitor.

Pack sizes: 1lt, 2lt, 5lt, 20lt, 200lt & 1000lt

NZFSA Approval: C 31

Supplier: Totara Industries NZ Limited

Street Address: 24 Neil Park Drive

East Tamaki

New Zealand

Telephone Number: 09 273 8855

Facsimile: 09 274 6945

Emergency Telephone: 0508 888 444

2. HAZARDS IDENTIFICATION

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land. Based on available information, classified as Hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

Classification; 6.4A Eye Irritant, 6.3A Skin Irritant, 6.1E Oral Acutely toxic

3. COMPOSITION/INFORMATION ON INGREDIENTS

Biodegradable Surfactants

Non Hazardous Performance Additives: <3.0%

Alkyl Benzyl Ammonium Chloride: 2.5%

Sodium Hydroxide: 1.8%

Sodium Metasilicate: 0.8%

Ingredients determined not to be hazardous – to 95.7% -

4. FIRST AID MEASURES

Inhalation:

Not regarded as route of exposure due to low vapour pressure at ambient temperature, hazard occurs if sprayed, see ingestion.

Skin Contact:

Moderate skin irritation or drying of the skin may occur.

If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, wash out immediately with water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion:

Irritant to mouth, throat and stomach if swallowed, may cause stomach pains, nausea, vomiting and diarrhoea.

Rinse mouth with water. If swallowed, give copious amounts of water to drink. Seek medical advice.

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Medical attention and special treatment:

Treat symptomatically.

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Help Line: 0508 888 444

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5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Not combustible.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour.

Suitable Extinguishing Media:

Not combustible.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

SMALL SPILLS: Slippery when wet. Avoid accidents, clean up immediately. Collect in a container for disposal via special chemical waste collection.

LARGE SPILLS: Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children. Avoid eye contact and repeated or prolonged skin contact. Wear protective clothing.

Conditions for safe storage: Store in cool place and out of direct sunlight in original container. Keep containers closed when not in use - check regularly for leaks. Avoid storage with foodstuffs and reactive chemicals such as peroxide.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).

Engineering controls:

If using indoors, keep windows and doors open during use. Keep containers closed when not in use.

Personal Protective Equipment:

The selection of PPE is dependant on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection: B - OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

MANUFACTURE, PACKAGING AND TRANSPORT: Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FOR CONSUMER USE: If there is a risk of eye contact, repeated or prolonged skin contact wear gloves and safety glasses. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Colour: Blue Coloured
Odour: Bland/Slight
Solubility: Fully
Specific Gravity: 1.08 @20°C
Relative Vapour Density (air=1): Not available
Vapour Pressure (20 °C): Not available
Flash Point (°C): Not applicable
Flammability Limits (%): Not applicable
Autoignition Temperature (°C): Not applicable
Solubility in water (g/L): Fully
Melting Point/Range (°C): Not applicable
Boiling Point/Range (°C): 100 (water)
Decomposition Point (°C): Not available
pH: 12.3 +/-
Viscosity: Not available
Evaporation Rate: Not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.
Conditions to avoid: Avoid contact with foodstuffs, peroxides.
Incompatible materials: Peroxide
Hazardous decomposition products: None known.
Hazardous reactions: None known.

11. TOXICOLOGICAL INFORMATION

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:

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12. ECOLOGICAL INFORMATION

Ecotoxicity. Avoid large contamination of waterways.

Biodegradable. 100%

13. DISPOSAL CONSIDERATIONS

Disposal methods:

For small quantities: Do not pour leftover down the drain. Unwanted product should be disposed of via domestic waste collection. Empty containers should be left open to dry out. When dry recycle the container via recycling programs.

For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as a Dangerous Good under NZS 5433:2007 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification:

Based on available information, the product is not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.

16. OTHER INFORMATION

Reason(s) for Issue:

Alignment to NOHSC requirements

This safety data sheet has been prepared by Totara Industries NZ Limited.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Totara Industries NZ Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Totara Industries NZ Limited representative or Totara Industries NZ Limited at the contact details on page 1.

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