

Safety Data Sheet

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| MOSSKILL | Issued Jun 2010 ID No. 1406 v1 |
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1. IDENTIFICATION

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| Product Name | Mosskill |
| Recommended Use | Remove and control moss, mould, algae and lichen. |
| Contact | Hitchins New Zealand Ltd 7-15 Masfield Street, Upper Hutt PO Box 40 749 Upper Hutt 5140 Phone 64 4 527 7248 |
| Emergency | New Zealand National Poison Centre – Phone : 0800 764 766 |

2. HAZARDS IDENTIFICATION

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| Not Dangerous Goods Regulated under NZS5433 – Land Transport | |
| Hazardous Substance according to NZHSNO Regulations | |
| 6.1D | Harmful if swallowed |
| 8.2C | Causes severe skin burns and eye damage |
| 9.1B | Toxic to aquatic life with long lasting effects |

3. COMPOSITION

| CHEMICAL ENTITY | CAS.NUMBER | PROPORTION % | WES – TWA |
|------------------------------|------------|--------------|-----------------|
| Quaternary ammonium chloride | 68424-85-1 | 30-60% | Not established |

4. FIRST AID

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| Skin | Remove all contaminated clothing and wash affected area immediately with plenty of soap and water. |
| Eyes | Immediately hold eyes open and flush with water continuously for 15 minutes. |
| Inhalation | Remove person from further exposure. Seek medical attention. |
| Ingestion | Do not induce vomiting. Immediately give plenty of water or milk and seek medical attention. |
| Advise to doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

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| Extinguishing Media | Foam, Carbon Dioxide or dry chemical. |
| Fire fighting protective precautions | Wear self-contained breathing apparatus and protective clothing. Use water spray to cool containers. |
| Hazchem Code | Not applicable. |

6. ACCIDENTAL RELEASE MEASURES

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| Spillage and Disposal | On roads and fields, recover free liquid where possible. Use absorbent materials such as sawdust, sand or earth on the spill area, clean up whilst still wet. Use anti-spark tools. Eliminate all unguarded flames and sources of ignition. Dispose in an approved facility. |
| Ecological | Prevent run off into sewers and water ways. If contamination occurs, notify the authorities. |

7. HANDLING AND STORAGE

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| Handling Precautions | Ensure good ventilation at the work place. No smoking or eating while working. Keep containers closed when not in use. |
| Storage Precautions | Store in sealed containers. Do not allow to freeze. Keep away from extreme heat. Protect from frost. |
| Storage Temperature (Min/Max) | Normal ambient temperatures (5 ^o -40 ^o C). |

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Skin | Wear protective clothing and gloves. |
| Eyes | Solvent resistant safety eye ware with splash guards or side shields to prevent eye contact. |
| Breathing | Use in well ventilated area with protective respiratory equipment. |
| Ventilation | Sufficient ventilation, in volume and pattern, should be provided to keep air contamination concentrations within safety limits. |
| Other | Discarded absorbent materials that have been heavily drenched or contaminated with product should not be re-used. Wash hands after use. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance, Odour, Viscosity | Colourless viscous liquid with mild characteristic odour. | | |
| Boiling Point | 100°C | Flash Point | Not applicable |
| Vapour Pressure (25°C) | 24 (mm Hg) | Density (20°C) Kg/L | 0.98kg/L |
| Soluble in Water (25°C) | YES | pH Values 1% Solution | 6.5-7.5 |
| Flammability Limit | Not applicable | Vapour Density | Not available |

10. STABILITY AND REACTIVITY

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| Stability | Stable under normal conditions. |
| Materials to avoid | No known materials which should be avoided. |
| Conditions to avoid | Freezing, excessive heat and changes in temperature. |
| Hazardous Decomposition Products | Oxides of carbon and nitrogen. |
| Hazardous Reactions | Product will burn in the presence of a strong ignition force, once the water is removed. |

11. TOXICOLOGICAL INFORMATION

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| Benzalkonium chloride | LD50 (rat) : 400 mg/kg Merk Index |
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12. ECOLOGICAL INFORMATION

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| Environmental Protection | Hazardous to the environment. Do not allow products to enter waterways. |
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13. DISPOSAL CONSIDERATIONS

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| Material – Hazardous | Paint residue : Incinerate at an approved site Containers : Recycle if possible or dispose at an approved landfill. |
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14. TRANSPORT INFORMATION

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| Classified as Hazardous Goods : NZ5433 NZ Land Transport, IMDG code, IATA code. | | | |
| UN No. | 1760 | Hazchem Code | 2R |
| Class | 8 | Poison Schedule | Not scheduled NZ |
| Proper shipping name | Corrosive liquid NOS | Subsidiary risk | |
| Packing Group | II | | |
| Marine Pollutant | Not determined | | |

15. REGULATORY INFORMATION

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| Surface Coatings and Colourants (Corrosive) Group Standard 2006 HSNO Approval Number : HSR 002662 |
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16. OTHER INFORMATION

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| Safety Data Review | SDS will be reviewed in 2015 unless changes in product occur prior to that date. |
| WES | Workplace Exposure Standards. |
| TWA | Time Weighted Average. |