

# Safety Data Sheet

## Tornado Ultimate Mountain Cleaning Products

Issue Date: November 2016

Valid to: November 2021

### SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

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|                        |   |
|------------------------|---|
| Trade Name:            | Tornado Ultimate                                    |
| Synonyms:              | NA  |
| Chemical Formula:      | NA  |
| CAS Number:            | NA  |
| Product Uses:          | Neutral, low foaming cleaner for hard shiny floors. |
| Supplier/Manufacturer: | Mountain Cleaning Products                          |
| Address:               | 7/7/ Snow St, South Lismore, NSW 2480               |
| Telephone:             | 02 6622 8733  |
| Fax:                   | 02 6622 8744  |
| Email:                 | support@mountaincleaning.com.au                     |
| Website:               | www.mountaincleaning.com.au                         |
| Emergency Telephone:   | 13 11 26 (Poisons Information Centre)               |

### SECTION 2: HAZARD(S) IDENTIFICATION

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|                     |                       |
|---------------------|-----------------------|
| GHS Classification: | <b>Non-hazardous.</b> |
|---------------------|-----------------------|

#### LABELLING ELEMENTS:

|                             |                 |
|-----------------------------|-----------------|
| Signal Word:                | None allocated. |
| Pictogram(s):               | None allocated. |
| Hazard Statements(s):       | None allocated. |
| Precautionary Statement(s): | None allocated. |
| Storage:                    | None specified. |
| Disposal:                   | None specified. |

### SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

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| Ingredients                            | CAS No.s  | Percentage (w/w) | Classification |
|--|-----------|------------------|----------------|
| Water                                  | 7732-18-5 | > 60%            |                |
| Other ingredients determined to be non |           | < 10%            |                |

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hazardous or below  
concentration cut offs

### SECTION 4: FIRST AID MEASURES

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|                       |  |
|-----------------------|--|
| First Aid Facilities: | Normal washroom facilities.  |
| Eye Contact:          | Immediately irrigate with plenty of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist) if there are ongoing symptoms.  |
| Skin Contact:         | Wash skin with plenty of water. Remove contaminated clothing and wash before reuse.  |
| Inhalation:           | Remove victim to fresh air away from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position, keep warm and at rest.   |
| Ingestion:            | Do NOT induce vomiting. If conscious, rinse mouth thoroughly with water and give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice.  |
| Advice to Doctor:     | No specific antidote. Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. |
| Scheduled Poisons:    | Poisons Information Centre in each Australian State capital city can provide additional assistance for scheduled poisons. Phone Australia 13 11 26.  |

### SECTION 5: FIRE FIGHTING MEASURES

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|                            |  |
|----------------------------|--|
| Fire and Explosion Hazard: | Water based, not combustible.  |
| Extinguishing Media:       | Use fine water spray, normal foam or dry agent extinguisher (carbon dioxide or dry chemical powder) as suitable for surrounding fires. |
| Fire Fighting:             | Keep containers exposed to extreme heat cool with fine water spray.  |
| Flash Point:               | None.  |
| Hazchem Code:              | None.  |

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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|               |   |
|---------------|---|
| Minor Spills: | Do not normally require special clean-up measures. Absorb spills and rinse area with water.   |
| Major Spills: | For example transport accident or bulk spill. Prevent spillage from entering drains or watercourses. Wear appropriate protective equipment (see section 8) to prevent skin and eye contamination. Contain spillage, then cover/absorb spill into dry, inert material (e.g. sand, earth or vermiculite), collect and place into suitable containers, appropriately labeled, for disposal by an approved agent according to local conditions. Spillage area may remain slippery. Flush spill area with plenty of water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services. |
| PPE:          | Personal protective equipment advice is contained in Section 8 of this document.  |

### SECTION 7: HANDLING AND STORAGE

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|           |  |
|-----------|--|
| Handling: | Always wash hands with water after handling. |
| Storage:  | Store in a cool, dry place.                  |

### SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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OCCUPATIONAL EXPOSURE LIMITS: None established for this product or ingredients.

| Ingredient            | TWA   | STEL | Notes |
|-----------------------|---|------|-------|
| Personal Protection:  | Use good occupational work practice. The use of personal protective clothing would generally only be required if handling concentrated product in quantity and in accordance with risk assessments taken. |      |       |
| Engineering Controls: | None required.  |      |       |

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| Eye and Face Protection:  | Not required for normal use. Safety glasses, if risk of contamination.  |
| Hand and Skin Protection: | Not required for normal use conditions Where heavy contamination is likely, wear gloves.  |
| Inhalation Protection:    | Not required under normal use conditions. Where an inhalation risk exists wear a respirator that meets AS/NZS 1715 and AS/NZS 1716. |

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|                           |                    |                                       |                   |
|---------------------------|--------------------|---------------------------------------|-------------------|
| Appearance:               | Clear green liquid |                                       |                   |
| Odour:                    | None               | Vapour Pressure:                      | Not available     |
| Odour Threshold:          | Not available      | Vapour Density:                       | Not available     |
| pH:                       | 7.0 neat           | Relative Density (Water=1):           | 1.0 – 1.1 @ 25 °C |
| Melting/Freezing Point:   | 0 °C approx.       | Water Solubility:                     | Soluble           |
| Boiling Point:            | 100 °C approx.     | Partition Coefficient n-Octanol/Water | Not available     |
| Flash Point:              | None               | Auto-ignition Temperature             | Not available     |
| Evaporation Rate:         | Not available      | Decomposition Temperature             | Not available     |
| Flammability:             | Not flammable      | Viscosity                             | Non-viscous       |
| Upper/Lower Flammability: | Not available      |                                       |                   |

### SECTION 10: STABILITY AND REACTIVITY

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|                                     |   |
|-------------------------------------|---|
| Reactivity:                         | Low.  |
| Chemical Stability:                 | Stable under normal conditions of storage and handling. |
| Possibility of Hazardous Reactions: | None known.   |
| Conditions to Avoid:                | Extremes of temperature and excessive direct sunlight.  |
| Incompatible Materials:             | None known.   |

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### SECTION 11: TOXICOLOGICAL INFORMATION

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|                 |   |
|-----------------|---|
| Inhaled:        | No harmful effects.   |
| Skin Contact:   | No harmful effects expected. Extended contact with concentrated product may cause irritation. |
| Eye Contact:    | May cause irritation.   |
| Ingestion:      | Swallowing large amounts can result in nausea.  |
| Acute Toxicity: | Not toxic by calculation. No LD50 data available for this product.                            |
| Chronic:        | No information available.   |

### SECTION 12: ECOLOGICAL INFORMATION

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|                                |  |
|--------------------------------|--|
| Ecotoxicity:                   | Not toxic by calculation. No LC50 data available for this product. |
| Persistence and Degradability: | Individual components stated to be biodegradable.                  |
| Bioaccumulative Potential:     | Not tested.  |
| Mobility in Soil:              | Not tested.  |
| Other Adverse Affects:         | None known.  |

### SECTION 13: DISPOSAL CONSIDERATIONS

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|                   |   |
|-------------------|---|
| Disposal Methods: | Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered. |
|-------------------|---|

### SECTION 14: TRANSPORT INFORMATION

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|                          |                       |
|--------------------------|-----------------------|
| ADG Code Classification: | Not a dangerous good. |
| UN No.:                  | NA                    |
| Proper Shipping Name:    | NA                    |

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|   |    |
|---|----|
| Transport Hazard Class:                 | NA |
| Packing Group:                          | NA |
| Hazchem Code:                           | NA |
| Environmental Hazards<br>for Transport: | NA |

### SECTION 15: REGULATORY INFORMATION

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|                          |                         |
|--------------------------|-------------------------|
| SUSMP (Poison Schedule): | Not a scheduled poison. |
|--------------------------|-------------------------|

### SECTION 16: OTHER INFORMATION

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|                        |  |
|------------------------|--|
| Acronyms:              | ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail.<br>AICS – Australian Inventory of Chemical Substances.<br>CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds.<br>GHS – Globally Harmonised System.<br>HAZCHEM – An emergency action code that gives information to emergency services during transport emergencies.<br>IARC – International Agency for Research on Cancer.<br>LD50 – Lethal Dose, 50%/median Lethal Dose.<br>Mg/m <sup>3</sup> – Milligrams per cubic metre.<br>PPM – Parts per million.<br>STEL – Short Term Exposure Limit.<br>STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure).<br>SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons.<br>TWA/OEL – Time Weighted Average or Occupational Exposure limit. |
| Literature References: | Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.<br>Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. December 2011 – Safe Work Australia.<br>GHS Hazardous Chemical Information List - September 2014 – Safe Work Australia.  |

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Mountain Cleaning Products

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|                   |  |
|-------------------|--|
|                   | <p>Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 - Safe Work Australia.</p> <p>Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.</p> <p>List of Designated Hazardous Substances [NOHSC: 10005(1999)]</p> <p>Standard for the Uniform Scheduling of Medicines and Poisons. June 2016.</p> <p>Material Safety Data Sheets for individual raw materials – all suppliers.</p> <p>Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)].</p> |
| Revision History: | Rev 1.0 Initial SDS for GHS compliance.  |
| Prepared By:      | Mountain Cleaning Products Regulatory Service.   |

**END OF SDS**