

Mountain Cleaning Products

7/7 Snow St., SOUTH LISMORE. 2480

Phone: (02) 66228733

Fax: (02) 66228744

Emergency : (02) 66242692

MATERIAL SAFETY DATA SHEET

Product : TORNADO – ULTIMATE FLOOR CLEANER

Date of Issue : JULY 2007

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Email: mountain@nor.com.au

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA.

SUPPLIER:	MOUNTAIN CLEANING PRODUCTS		
ADDRESS:	7/7 Snow Street, South Lismore, NSW, 2480		
Trade Name:	TORNADO- ULTIMATE FLOOR CLEANER		
TELEPHONE:	(02) 66228733	FAX:	(02) 66228744
AH EMERGENCY TELEPHONE:	13 1126 in Australia.	ABN:	43 283 503 302
Substance:	Water based, low pH floor cleaner	Product Use:	Clean highly polished floors
Creation Date:	JULY 2007	Revision Date:	JULY 2012
Product Code:	6310Z		

SECTION 2 – HAZARDS IDENTIFICATION

Approved Criteria Classification (calculated)	S(1/2) – Keep locked up and out of reach of children. S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.		
UN Number	NA	ADG Classification	None
Shipping Name		ADG Subsidiary Risk	none allocated
Hazchem Code	NA	Packing Group	NA
SUSDP Classification	S5		
EMERGENCY OVERVIEW			
Colour	Green colour	Odour	Nil Odour
Physical Description	Liquid	Viscosity	Non-viscous liquid

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances".

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
No Hazardous ingredients used				

The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 03 474 7000).
First Aid Facilities	Normal washroom facilities. Safety shower and emergency eye wash.
Inhalation	
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. (e.g. doctor) i
Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
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.

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Aggravated Medical Conditions	None known.
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SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Water based. Not combustible.
Extinguishing Media	Use carbon dioxide (CO2) fire extinguisher, water fog or fine water spray.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray.
Flash Point	None


SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	2 = water fog – in the absence of fog, a fine spray may be used. R = No risk of violent explosion, Full protective clothing, Dilute.
Occupational Release	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Wash area down with excess water. Residual deposits will remain slippery. 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.

SECTION 7 – HANDLING AND STORAGE

Handling	Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
Storage	Store in a cool, dry, place. Below 30°C. Do not stack more than 2 high

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission: Time-weighted Average (TWA): None established for specific product. Short Term Exposure Limit (STEL): None established for specific product.
Biological Limit Value	None established for product.
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Use only in a well-ventilated area.
Personal Protective Equipment	Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;
Eye Protection	
Skin Protection	
	
Protective Material Types	
Respirator	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Non-viscous liquid	Colour	Green
Odour	Nil Odour.	Specific Gravity	1.0 – 1.1 @ 25 °C
Boiling Point	Approximately 100 °C.	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available.
Flash Point	Not flammable	Flammable Limits	none
Water Solubility	Miscible in all proportions.	pH	7-8
Volatile Organic Compounds	0 % v/v.	Coefficient of Water/Oil	Not available.

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(VOC)		Distribution	
Viscosity	Non Viscous	Odour Threshold	Not available.
Evaporation Rate	Not available.	Per Cent Volatile	Ca 75 % v/v.

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure. Contamination of product and exposure to light and heat will accelerate decomposition.
Conditions to Avoid	
Incompatible Materials	

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

Ingestion	
short term exposure	Swallowing can result in nausea,
long term exposure	No information available.
Skin contact	
short term exposure	
long term exposure	Prolonged and repeated skin contact with undiluted product may induce eczematoid dermatitis.
Eye contact	
short term exposure	May cause irritation
long term exposure	
Inhalation	
short term exposure	No harmful effects
long term exposure	No harmful effects
Carcinogen Status	Not classified as a carcinogen by Worksafe Australia.
NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.
Medical conditions aggravated by exposure	Persons with pre-existing skin disorders or eye problems, or impaired kidney or respiratory function may be more susceptible to the effects of the substance.
Toxicity Data	Not classified Toxic
Local Effects	
Target Organs	
Acute Toxicity Level	

SECTION 13 – DISPOSAL CONSIDERATIONS

	Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put down the drain.
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SECTION 14 – TRANSPORT INFORMATION

UN Number	NA	ADG Classification	NA
Shipping Name	NA	ADG Subsidiary Risk	none allocated
Hazchem Code	NA	Packing Group	NA

SECTION 15 – REGULATORY INFORMATION

AICS	All ingredients present on AICS.
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SECTION 16 – OTHER INFORMATION

Labeling Details	NOT HAZARDOUS		
	SAFETY PHRASES	S(1/2)	Keep out of reach of children.
		S24/25	Avoid contact with skin and eyes.
		S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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Acronyms	SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons.
	ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
	CAS Number	Chemical Abstracts Service Registry Number.
	UN Number	United Nations Number.
	R-Phrases	Risk Phrases.
	HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
	NOHSC	National Occupational Health and Safety Commission.
	NTP	National Toxicology Program (USA).
	IARC	International Agency for Research on Cancer.
	AICS	Australian Inventory of Chemical Substances.
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit

Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.		
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Contact Point	Regulatory Affairs Manager.	Telephone	(02) 66228733
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Issue Date	JULY 2007	Supersedes Issue Date	MAY 2005
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This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.