

# Safety Data Sheet

**HypoClean**

Mountain Cleaning Products

Issue Date: November 2016

Valid to: November 2021


## SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Trade Name:	HypoClean
Synonyms:	NA
Chemical Formula:	NA
CAS Number:	NA
Product Uses:	Cleaning, sanitising, disinfecting and removal of mould and organic debris from hard surfaces, including clean-up of outdoor structures.
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

GHS Classification:	Product as sold	Product at USE DILUTION (> 1:1)
	Eye damage (Category 1) Skin irritation (Category 2)	Non-hazardous.

### LABELLING ELEMENTS:

	Product as sold	Product at USE DILUTION (> 1:1)
Signal Word:	Danger	None allocated.
Pictogram(s):		Non-hazardous.
Hazard Statements(s)	H315 Causes skin irritation. H318 Causes serious eye damage. AUH031 Contact with acid liberates toxic gas.	None allocated.

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Precautionary Statement(s):	<p><b>Prevention</b></p> <p>P264 Wash hands thoroughly after handling.</p> <p>P273 Avoid release to the environment if this is not the intended use.</p> <p>P280 Wear eye protection and protective gloves.</p> <p><b>Response</b></p> <p>P302 + P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P321 For specific treatment see Section 4. First Aid of this SDS.</p> <p>P332 + P313 If skin irritation occurs: Get medical attention.</p> <p>P362 Take off contaminated clothing and wash before reuse.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTRE (13 11 26) or doctor.</p>	None allocated.
Storage:	None allocated.	None allocated.
Disposal:	P501 Dispose of contents/container to an approved waste disposal plant.	None allocated.

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	CAS No.s	Percentage (w/w)	Classification
Water	7732-18-5	> 60%	
Sodium hypochlorite	7681-52-9	< 5%	H290 + H314 + H400
Other ingredients determined to be non hazardous or below concentration cut offs		< 10%	

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## SECTION 4: FIRST AID MEASURES

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First Aid Facilities:	Normal washroom facilities. Safety shower and emergency eye wash.
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) if there are ongoing symptoms.
Skin Contact:	Remove contaminated clothing. Wash skin with plenty of water. Seek medical advice if irritation, burning or redness occurs and persists.
Inhalation:	Remove victim to fresh air away from exposure - avoid becoming a casualty.
Ingestion:	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. 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:	Non-combustible. May emit toxic gas when heated to decomposition. Can react with metals to produce flammable hydrogen gas.
Extinguishing Media:	If material is involved in a fire use fine water spray, or use normal foam or dry agent (carbon dioxide, dry chemical powder).
Fire Fighting:	Keep containers exposed to extreme heat cool with fine water spray. Evacuate area – move upwind of fire. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.

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Flash Point:	None.
Hazchem Code:	None.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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Minor Spills:	Does not normally require special clean-up measures. Clean up spill and rinse area with water. Avoid contact with skin and eyes.
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 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:	Avoid skin and eye contact. Do not eat, drink or smoke when handling product. Use in a well ventilated area. Do not allow contaminated clothing to remain in contact with skin. Always wash hands with water after handling.
Storage:	Store in a cool, dry, place with good ventilation and out of direct sunlight. Store in original containers. Avoid storing in aluminum and alloy containers. Store away from incompatible materials (see Section 10). Keep containers closed at all times when not in use.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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OCCUPATIONAL EXPOSURE LIMITS: None established for this product.

Ingredient	TWA	STEL	Notes
Sodium hypochlorite	1ppm- 3mg/m3	Not set	

	Product as sold	Product at USE DILUTION (>1:1)
Personal Protection:	Use good occupational work practice. The use of protective clothing depends on the degree and nature of exposure. Final choice of protection will vary according to the circumstances e.g. methods of handling, engineering controls and according to risk assessments taken.	None required.
Engineering Controls:	Ensure ventilation is adequate. Avoid generating mists of the product. Ensure airflow, where used, is directed away from operators.	None required.
Eye and Face Protection:	Safety glasses or chemical goggles.	None required.
Hand and Skin Protection:	Wear gloves to dispense. When using large quantities or where heavy contamination is likely also wear rubber boots and a PVC apron.	None required.
Inhalation Protection:	Not normally required under normal use conditions. Where a mist inhalation risk exists wear a filter/apparatus that meets AS/NZS 1715 and AS/NZS 1716. For emergencies or where exposure levels are not known use a full-face piece positive pressure, air supplied respirator. Warning: air-purifying respirators do not	None required.

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protect workers in oxygen deficient atmospheres.
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Clear pale yellow liquid
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Odour:	Faint chlorine	Vapour Pressure:	Not available
Odour Threshold:	Not available	Vapour Density:	Not available
pH:	12.0-12.5 neat	Relative Density (Water=1):	Approx. 1.1 @ 25 °C
Melting/Freezing Point:	0 °C approx.	Water Solubility:	Miscible in all portions
Boiling Point:	100 °C approx.	Partition Coefficient n-Octanol/Water	Not available
Flash Point:	Not relevant	Auto-ignition Temperature	Not available
Evaporation Rate:	Not available	Decomposition Temperature	Not available
Flammability:	Not flammable	Viscosity	Non viscous
Upper/Lower Flammability:	None		

## SECTION 10: STABILITY AND REACTIVITY

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Reactivity:	Reactive.
Chemical Stability:	Stable under normal temperatures and pressure. Contamination of product and exposure to light and heat will accelerate decomposition.
Possibility of Hazardous Reactions:	Reacts exothermically and vigorously with acids, producing dangerous levels of chlorine gas. Can decompose on combustion to form carbon monoxide, carbon dioxide and other possibly toxic gases and vapours.
Conditions to Avoid:	Avoid contact with acids and mixing with other chemicals; exposure to heat, ignition sources and open flame; and exposure to direct sunlight. Avoid storing in metal containers.

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Incompatible Materials:	Acids, metals, metal salts, organic materials (e.g. peroxides), reducing agents (e.g. amines), ammonium salts, methanol, aziridine and phenylacetonitrile.
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## SECTION 11: TOXICOLOGICAL INFORMATION

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Inhaled:	Usually not a hazard due to non-volatile nature of product. Inhalation of aerosols or mists can result in mucous membrane and respiratory irritation.
Skin Contact:	May cause skin irritation, depending on the concentration of the product and duration of contact. Avoid exposure to open cuts or already irritated skin.
Eye Contact:	Damaging to eyes due to high pH. Contact can cause corneal burns with possible risk of irreversible damage to eyes.
Ingestion:	Swallowing can result in nausea, vomiting of blood and eroded tissue, irritation of mouth, throat and abdomen.
Acute Toxicity:	Not toxic by calculation. No LD50 data available for this product. For sodium hypochlorite (at 13%): Oral LD50 (mice) - 5800mg/kg.
Chronic:	No information available.

## SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:	<b>Product as sold:</b> Acute aquatic toxicity (Category 2). Toxic to aquatic life. <b>Product AT USE DILUTION:</b> Toxic to fish at > 0.5% chlorine. No LC50 data available for this product. For sodium hypochlorite: LC50 (fish) - 0.07-5.9 mg/l – 48h. Avoid contaminating waterways. A pH rise will cause an environmental effect on aquatic life. If not neutralized, this product can be toxic for aquatic organism because of its alkalinity. pH >9 has a corrosive effect on fish (possibly causing death). pH >8.5 will result in destruction of algae.
Persistence and Degradability:	Biodegradable to salt and oxygen.
Bioaccumulative Potential:	None known.

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Mobility in Soil:	May leach to ground water with resultant toxicity to aquatic organisms.
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.
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## SECTION 14: TRANSPORT INFORMATION

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ADG Code Classification:	Not a dangerous good.
UN No.:	NA
Proper Shipping Name:	NA
Transport Hazard Class:	NA
Packing Group:	NA
Hazchem Code:	NA
Environmental Hazards for Transport:	NA

## SECTION 15: REGULATORY INFORMATION

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SUSMP (Poison Schedule):	Not a scheduled poison.
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## SECTION 16: OTHER INFORMATION

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Acronyms:	ADG – Australian Code for the Transport of Dangerous Goods by Road and Rail. AICS – Australian Inventory of Chemical Substances. CAS No. – Chemical Abstract Service Number used to uniquely identify chemical compounds. GHS – Globally Harmonised System. HAZCHEM – An emergency action code that gives information
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	<p>to emergency services during transport emergencies. IARC – International Agency for Research on Cancer. LD50 – Lethal Dose, 50%/median Lethal Dose. Mg/m<sup>3</sup> – Milligrams per cubic metre. PPM – Parts per million. STEL – Short Term Exposure Limit. STOT – SE/RE – Specific Target Organ Toxicity (single/repeated exposure). SUSMP – Standard for the Uniform Scheduling of Medicines and Poisons. TWA/OEL – Time Weighted Average or Occupational Exposure limit.</p>
Literature References:	<p>Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition. Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice. December 2011 – Safe Work Australia. GHS Hazardous Chemical Information List - September 2014 – Safe Work Australia. Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012 - Safe Work Australia. Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition. List of Designated Hazardous Substances [NOHSC:10005(1999)] Standard for the Uniform Scheduling of Medicines and Poisons. June 2016. Material Safety Data Sheets for individual raw materials – all suppliers. 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**