

MOMAR

AUSTRALIA PTY LTD

Quality
thru
Research

A.C.N. 003 149 111

QUICK IDENTIFIER (In Plant Common Name)

Material Safety Data Sheet

HIT

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Not classified as hazardous according to the criteria of Worksafe Australia.

SECTION 1 - IDENTITY

Common Name: (used on label) HIT

Chemical Name: N/A **Chemical Family:** Calcium hypochlorite solution

Formula:

Aqueous mixture - liquid mildew

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s)	CAS No.	% by Weight	Threshold limit value (units)
Calcium hypochlorite	7778-54-3	>5	not established

(LD₅₀ oral rats = 850mg/litre, LD₅₀ dermal rats = 2,000 mg/kg, LC₅₀ inhalation rats = >2mg/litre)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: 212°F	Specific Gravity: (H ₂ O=1) 1.06	Vapor Pressure (mm Hg) N/A
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Percent Volatile by Volume (%) 94	Vapor Density (Air = 1) not established	Evaporation Rate (ether =1) Slower
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Solubility in Water Complete	Reactivity in Water None
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Appearance
and Odour Clear to hazy colourless liquid - chlorine odour.

Flash Point not flammable	Flammable Limits In Air by Volume not established	Lower Media Water	Upper Extinguisher	Auto-Ignition Temperature N/A
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Special Fire Fighting Procedures: Not combustible, but may ignite combustible materials and organic matter. Water may be used to keep fire exposed containers cool.

Unusual Fire and Explosion Hazards: Fire fighters wear self contained breathing apparatus with full face piece in pressure mode.

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable Conditions
 Stable to Avoid Do not store above 100°F

Incompatibility
 (Materials to avoid) Strong acids, ammonia, reddening agents, organics of all types.

Hazardous
 Decomposition Products Chlorine gas, oxygen.

Hazardous Conditions
 Polymerization: Will not occur to Avoid None

SECTION 5 - HEALTH HAZARDS

Threshold
 Limit Value Not established

Signs & Symptoms of Exposure
 1. Acute Oversposure: Chlorine vapors irritating to eyes, nose and throat. Ingestion may result in abdominal pain, nausea and vomiting.
 2. Chronic Overexposure: Not Known

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit	ACGIH Threshold Limit Value	not est.		Other Exposure Limit Used	None				

EMERGENCY AND FIRST AID PROCEDURES

1. Inhalation: Remove from over exposure to fresh air. Treat symptomatically.
 2. Eyes: Flush with large amounts of water for at least 15 minutes. Take to doctor for medical treatment.
 3. Skin: Wash affected areas with soap and water. Wash contaminated clothing before reuse. Consult doctor if irritation persists.
 4. Ingestion: Drink 1 -2 glasses of water to dilute. Induce emesis or gastric lavage by physician. Treat symptomatically.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection
 (Specify Type) Not required.

Ventilation	Local Exhaust	Adequate	Mechanical (General) Rec.	Special NONE	Other NONE
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Protective Gloves Neoprene Eye Protection Goggles
 Other Protective Clothing or Equipment Rubber apron

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Do not contact eyes, skin or clothing. Wash contaminated clothing before reuse. Wash thoroughly after using.
 Other Precautions: Store in a cool dry area away from heat, sunlight and acids.
 Steps to be taken in case material is Released or Spilled: In case of spillage, absorb on mineral clay absorbent material.
 Waste Disposal Methods Dispose of in accordance with Federal, State & local regulations.