MATERIAL SAFETY DATA SHEET

QUICK REFERENCE HIT

MOMAR, INCORPORATED **HEALTH** 2 1830 ELLSWORTH INDUSTRIAL DRIVE **FLAMMABILITY** 0 REACTIVITY ATLANTA, GEORGIA 30318 1

PERSONAL

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EMERGENCY TELEPHONE NO.: INFOTRAC 1-800-535-5053 **PROTECTION**

OTHER INFORMATION CALLS: 404-355-4580

DATE PREPARED: October 25, 1993

DATE REVISED: August 12, 2002

RESPONSIBLE FOR PREPARATION Edm Hakento

SECTION 1 - IDENTITY

PRODUCT NAME: HIT

CHEMICAL NAME: Not applicable

CHEMICAL FAMILY: Calcium Hypochlorite Solution FORMULA: Aqueous mixture - Liquid mildew remover

SECTION 2 - HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT(S) CAS NO. %BY WT. THRESHOLD LIMIT VALUE

5 1) Calcium Hypochlorite 7778-54-3 Not established

This product does not contain a toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION) DATA

BOILING POINT: Decomposes SPECIFIC GRAVITY $(H_2O=1)=1.06$

VAPOR PRESSURE (mm Hg): Not applicable PERCENT VOLATILE BY VOLUME (%): 94 VAPOR DENSITY (Air = 1): Not established EVAPORATION RATE (BUAC=1): Slower

SOLUBILITY IN WATER: Complete REACTIVITY IN WATER: None APPEARANCE AND ODOR: Clear to hazy colorless liquid with chlorine odor

pH CONCENTRATE: 11 - 12 FLASH POINT: Nonflammable

FLAMMABLE LIMITS IN AIR % BY VOLUME: Lower: Not applicable Upper: Not applicable

EXTINGUISHER MEDIA: As for surrounding fire AUTO-IGNITION TEMPERATURE: Not applicable

SPECIAL FIRE FIGHTING PROCEDURES: May ignite combustible materials and organic matter.

Water may be used to keep fire-exposed containers cool. Mixing with acids or acid fumes may result in

explosion or fire of great intensity.

UNUSUAL FIRE & EXPLOSION HAZARDS: Firefighters should wear self-contained breathing

apparatus with full face piece in pressure demand.

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SECTION 4 - PHYSICAL HAZARDS	
STABILITY UNSTABLE ☐ STABLE ⊠	
CONDITIONS TO AVOID: Heat, sparks, open flames, and sunlight	
INCOMPATIBILITY (materials to avoid): Acids, ammonia, reducing agents, organics	of all types
HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine gas, other chlorine products	3
HAZARDOUS POLYMERIZATION MAY OCCUR ☐ WILL NOT OCCUR ☑	
SECTION 5 - HEALTH HAZARDS	
THRESHOLD LIMIT VALUE: Not established	
PRIMARY ROUTE OF ENTRY: EYE \boxtimes DERMAL \boxtimes INHALATION \boxtimes IN	GESTION
SIGNS AND SYMPTOMS OF EXPOSURE	
1. Acute Overexposure: Corrosive to eyes, skin, respiratory tract, and gastrointest	inal tract.
2. Chronic Overexposure: Impairment of lung function and permanent lung damage	ge.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Not known	
CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN	
1. National Toxicology Program: Yes \(\square\) No \(\square\)	
2. I.A.R.C. Monographs: Yes \square No \times	
3. OSHA: Yes ☐ No ⊠	
OSHA PERMISSIBLE EXPOSURE LIMIT: Not established	

EMERGENCY AND FIRST AID PROCEDURES

OTHER EXPOSURE LIMIT USED: None

ACGIH THRESHOLD LIMIT VALUE: Not established

- 1. INHALATION: Remove from overexposure to fresh air. If breathing is difficult, get medical attention.
- 2. EYES: Flush immediately with large amounts of water for at least 15 minutes occasionally lifting lids. Get medical attention.
- 3. SKIN: Wash affected areas with soap and water. Wash contaminated clothing before reuse. Get medical attention.
- 4. INGESTION: Drink 1 to 2 glasses of water to dilute. DO NOT induce vomiting. Get immediate medical attention.

SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved respirator if point of use exposure exceeds

comfort level

VENTILATION

LOCAL EXHAUST: Adequate MECHANICAL (GENERAL): Recommended

SPECIAL: None OTHER: None

PROTECTIVE GLOVES: Neoprene EYE PROTECTION: Goggles or full face piece respirator

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber apron, boots, long sleeve shirt and

trousers

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

<u>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE</u>: Do not contact eyes, skin, or clothing. Wash contaminated clothing before reuse. Wash thoroughly after using. Do not use pressure to empty.

<u>OTHER PRECAUTIONS</u>: Store in cool dry areas away from heat, sunlight, and acids. Vent container occasionally. KEEP OUT OF REACH OF CHILDREN! Do not cut or weld empty container.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: In case of spillage, soak u on mineral clay absorbent. Shovel into DOT container for disposal. Flush residue to sanitary sewer.

<u>WASTE DISPOSAL METHODS</u>: Dispose of in accordance with federal, state, and local regulations.