

**MATERIAL SAFETY DATA SHEET**  
**For chemicals, coatings and related materials**

DATE :	SUPERSEDES	PREPARED BY:
March 10, 1999	August 19, 1996	Scott Shinn

**Manufacturer**

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**Distributor**

NAME: ADDRESS: ADDRESS: ADDRESS: ADDRESS:	PHONE:
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**Section I - Product**

NUMBER: 53-408  NAME: Hydrocide® Powder CLASS : Additive CAS NUMBER: none - mix	H M I S Hazard Codes Health: 1 slight Flammability: 0 Minimal Reactivity: 0 Minimal Personal Protective Equipment: E
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**Section II - Hazardous Ingredients**

Ingredient: Material Description	Percent by Weight	C.A.S. Registry Number	LEL	Vapor Pressure [mm Hg at 20 deg C]
Hydrous magnesium aluminum silicate	10-30	1302-78-9	None	None
Calcium carbonate [limestone]	75-85	1317-65-3	None	None
no ingredients reportable under SARA Title 313, Section III				

**Section III - Physical Data**

Boiling Range:	Does not boil	Freezing Point:	no data
Vapor Pressure:	None	Vapor Density:	N/A
Specific Gravity:	2.5	H2O Soluble:	<0.1
Evaporation Rate(relative to n-butyl acetate)	N/A	% Volatile by Volume:	Nil
pH:	N/A	Odor Threshold:	no data
Appearance and Odor:	White powder	No odor.	

**Section IV - Fire and Explosion Hazard Data**

FLASH POINT:	Does not flash [no flammable ingredients]	EXPLOSIVE LIMITS: LEL (%V in air)	UEL	N/A N/A
AUTOIGNITION TEMP:	no data	METHOD:		N/A
OSHA FLAMMABILITY CLASSIFICATION		Not regulated		
EXTINGUISHING MEDIA:	Water Fog			

SPECIAL FIRE FIGHTING PROCEDURES	Does not burn
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None.

Section V - Toxicological Information							
Ingredient Material Description	PEL [mg/m3]	TLV STEL [mg/m3]	TLV[twa]		LD50 [mg/kg]		LC50 [ppm] Rat INHAL
			mg/m3	ppm	RAT [oral]	RABBIT [dermal]	
Hydrous magnesium silicate	Not listed	Not listed	Not listed	Not listed	>15,000	No data	No data
Calcium carbonate	15*, 5**	Not listed	10*	Not listed	Not listed	Not listed	No data
* Total dust ** Respirable dust C=ceiling							

Section VI - Health Hazard Data and Emergency/first Aid Procedures	
THRESHOLD LIMIT VALUES: See Section V	
ACUTE OVEREXPOSURE INFORMATION	
EYES: May cause eye irritation.	
SKIN: May cause irritation.	
INHALATION: May cause irritation of respiratory tract.	
INGESTION: May cause irritation if swallowed.	
NOTE: Preexisting respiratory or skin condition(s) may be aggravated by exposure.	
CHRONIC OVEREXPOSURE INFORMATION:	
1) No known components of this product are listed as known or suspected carcinogens per NTP, IARC, or OSHA.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any pre-existing respiratory or skin condition.	
EMERGENCY AND FIRST AID PROCEDURES:	
EYES:	Flush the eyes with plenty of water for at least 15 minutes. If necessary, gently hold the eyelids open during the flush. Obtain immediate medical attention.
SKIN:	Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If symptom persist, get medical attention.
INHALATION:	Move the victim into fresh air. If the victim has difficulty breathing, administer oxygen. Administer artificial respiration if the victim is not breathing. Obtain immediate medical attention.
INGESTION:	Obtain immediate medical attention. Do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.

Section VII - Reactivity Data	
STABILITY: Stable	
STABILITY CONDITIONS TO AVOID: Contact with water vapor.	
INCOMPATIBILITY (MATERIALS TO AVOID CONTACT WITH): Strong oxidizers and caustics.	
HAZARDOUS DECOMPOSITION PRODUCTS: Does not burn.	
HAZARDOUS POLYMERIZATION: None.	

## Section VII - Spill or Leak Procedures

### STEPS FOR MATERIAL SPILLAGE:

Ventilate area. Avoid generating dust. Sweep or shovel into containers. Flush spill with excess water to a chemical sewer or soak up with inert absorbent. Do not discharge product or rinse waters to lakes, streams, ponds, or sewer. Avoid contact with eyes.

### WASTE DISPOSAL METHODS:

Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures. Do not incinerate closed containers.

## Section IX - Special Protection Information

**RESPIRATORY PROTECTION:** Wear disposable dust mask for normal use. Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations

**VENTILATION:** Use local exhaust as needed to keep vapor/dust levels below recommended limits.

**PROTECTIVE EQUIPMENT:** Wear disposable dust mask. Wear gloves [Natural rubber, supported PVA, neoprene, nitrile], eye goggles, and clean protective clothing to cover arms and legs and keep exposure to a minimum.

## Section X - Special Precautions

### HANDLING AND STORAGE PRECAUTIONS

AVOID BREATHING DUST.	DO NOT TAKE INTERNALLY
AVOID CONTACT WITH EYES, CLOTHING, AND SKIN	PROTECT UNUSED PRODUCT FROM CONTACT WITH MOISTURE.
KEEP CONTAINER CLOSED WHEN NOT IN USE	
KEEP OUT OF REACH OF CHILDREN	USE ONLY WITH ADEQUATE VENTILATION

## Section XI - Regulatory Data

VOC CONTENT: 0.0 g/L

CALIFORNIA PROPOSITION 65:

This product does not knowingly contain any materials listed by the State of California as known to cause cancer, birth defects, or other reproductive harm.

### TRANSPORTATION

	DOT	UN
HAZARD CLASS :	Not Regulated	Not Regulated
UN/NA NUMBER :	Not Regulated	Not Regulated
SHIPPING NAME:	Not Regulated	Not Regulated
PLACARD AT	N/A	N/A
CLASS NUMBER :	N/A	AIR: N/A MARINE: N/A
SUBSID. RISK :	N/A	AIR: N/A MARINE: N/A
PACKING GROUP:	N/A	AIR: N/A MARINE: N/A

### REPORTING

CERCLA REPORTABLE QUANTITY: None .AS WASTE: none

SARA SECTION 304 EMERGENCY RESPONSE REPORTABLE QUANTITY: None

SARA SECTION 311/312 INVENTORY REPORTING (Y/N): Y

SARA SECTION 311/312 HAZARD CLASS(ES): Acute health hazard

SARA SECTION 313 ROUTINE RELEASE REPORTING CHEMICALS: None

COMPONENTS ON TSCA INVENTORY (Y/N): Y

### DISPOSAL

EPA RCRA WASTE CLASS: Not Regulated

EPA RCRA WASTE NUMBER: Not Regulated

CALIFORNIA LIST LAND BAN (Y/N): Not Applicable

**ABBREVIATIONS USED:**

N/A = Information or data Not Available , NTP = National Toxicology Program,  
IARC = International Agency for Research on Cancer, NIOSH = National Institute of Occupational Safety and Health,  
ACGIH = American Conference of Governmental Industrial Hygienists, OSHA = Occupational Safety and Health Administration,  
PEL = Permissible Exposure Limit (8-hr. TWA) (OSHA), TLV = Threshold Limit Value (8-hr. TWA) (ACGIH),  
STEL = Short Term Exposure Limit (15-min TWA) (OSHA) , C = Ceiling Value.

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REASON FOR REVISION:

Revision Required: