

VAPOR PRESSURE (MM. OF MERCURY): N/A

SPECIFIC GRAVITY (WATER = 1): 2.7

VAPOR DENSITY (AIR = 1): N/A

PERCENT VOLATILE (BY WEIGHT): N/A

pH: N/A

SOLUBILITY IN WATER: 0.2%

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: None

FIRE EXTINGUISHING MEDIA: Non-combustible

<u>FLAMMABLE LIMITS (PERCENT BY VOLUME):</u>	<u>LOWER</u>	<u>UPPER</u>
	N/A	N/A

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: UNSTABLE _____ STABLE X _____

CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: WILL OCCUR _____ WILL NOT OCCUR X _____

CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:

Skin: May develop sufficient heat to cause burns if a large mass is in contact with skin during hardening; (hydration) may dry skin.
Eyes: Particles may cause irritation.

PROBABLE ROUTES OF EXPOSURE:

Inhalation; skin; eyes

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Gypsum plaster hardens when in contact with water. May result in obstruction if ingested. See physician.

INHALATION: Remove to fresh air.

EYE CONTACT: Rinse immediately with water for 10-15 minutes to remove particles. Remove contact lens then flush with water. If irritation continues, see a physician.

SKIN CONTACT: Wash promptly with water.

SECTION VII - TOXICITY DATA

ORAL: ---

DERMAL: ---

INHALATION: * TC_{LO} (Human) - 194 gm/m³/intermittently, over 10 years resulted in toxic effects to pulmonary system.

CARCINOGENICITY: ---

OTHER PERTINENT DATA: ---

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: Desirable to prevent drying of hands.

EYE PROTECTION: Close-fitting eye goggles.

RESPIRATORY PROTECTION (SPECIFY TYPE): Wear NIOSH-approved respirator for nuisance dust.

OTHER PROTECTIVE EQUIPMENT: N/A

* NOTE: Toxicity data on Calcium Sulfate Hemi-Hydrate is not available. Information provided here applies to Calcium Sulfate Dihydrate only.

VENTILATION

LOCAL EXHAUST: Ventilation at mixer.

MECHANICAL (GENERAL): N/A

SPECIAL: N/A

OTHER: N/A

SECTION IX - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep up. Avoid creating excessive dust. Wear approved respirators. Do not wash down drains - may plug drains.

WASTE DISPOSAL METHODS:

Use sanitary landfill in accordance with local, state and federal regulations.

CLEAN WATER ACT REQUIREMENTS:

N/A

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:

N/A

SECTION X - REGULATORY INFORMATION

FDA: Product is produced for use as base hemi-hydrate gypsum for various industrial uses. As such, FDA regulations are not deemed applicable.

USDA: N/A

CPSC: N/A

TSCA: CAS #7778-18-9 (Anhydrous Calcium Sulfate) covers all other forms of Calcium Sulfate.

DOT

PROPER SHIPPING NAME: N/A

HAZARD CLASS: N/A

LABEL REQUIRED: N/A

IDENTIFICATION NO.: N/A

OTHER PERTINENT INFORMATION: N/A

SECTION XI - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Dew point conditions or other conditions causing presence of liquid water will harden hemi-hydrate gypsum during storage.

OTHER PRECAUTIONS: N/A

REGISTRATIONS/CERTIFICATIONS: N/A

EFFECTIVE DATE: April 26, 1984

SUPERSEDES: ---

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