

Gypsum

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I. GENERAL INFORMATION

Chemical Name: GYPSUM CAS#: 10101-41-4
Chemical Family: SULFATE
Chemical Formula: $\text{CaH}_4\text{O}_6\text{S}$
Synonyms: CALCIUM SULFATE (DIHYDRATE), ALABASTER

NFPA Properties: Health: 0 Flammability: 0 Reactivity: 0 Contact: 1

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	TWAPPM	TLV's (ACGIH)		STEL MG/M ³	CAS#	OTHER LIMITS	%
		TWA MG/M ³	STEL PPM				
1.							

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point °F: N/A	Color: WHITE TO BEIGE
Specific Gravity: 2.32	Odor: NONE
Vapor Pressure: N/A	Appearance: POWDER
Percent Volatility: 0	pH:
Vapor Density: N/A	Viscosity: N/A
Evaporation Rate: N/A	Activity: N/A
Solubility In Water: MODERATE (1-10%)	LC50: NDA
Melting Point °F: N/A	LD50: NDA

IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE
Flash Point °F: N/A
Flammable Limits: N/A LEL: N/A UEL: N/A
Special Firefighting Procedures: FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-CONTAINED (POSITIVE PRESSURE IF AVAILABLE) BREATHING APPARATUS WITH FULL FACEPIECE. MOVE EXPOSED CONTAINERS FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK.
Unusual Fire & Explosion Hazards: NONE
Toxic Gases Produced: SULFUR DIOXIDE

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: Skin: Ingestion:

Effects of Overexposure: DUST MAY IRRITATE EYES

Toxicological Properties: NDA

Chronic & Acute Effects of Overexposure:

Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Regulated: NO

Emergency First Aid Procedures

Eyes: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.

Skin Contact: FLUSH WITH LARGE AMOUNTS OF SOAP & WATER FOR 15 MINUTES.

Inhalation: REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.

Ingestion: CALL A PHYSICIAN.

VI. REACTIVITY DATA

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: OXIDES OF SULFUR

Conditions To Avoid: NDA

Incompatibility and Materials to Avoid: ALUMINU, STRONG ACIDS

VII. SPILL & DISPOSAL PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled --- Procedures For Clean – Up: WEAR SUITABLE PROTECTIVE CLOTHING. SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING, OR FLAMES IN AREA. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions To Be Taken In Handling & Storage: STORE DRY, COOL AREA (BETWEEN 40°F AND 120°F.)

VIII. PROTECTIVE EQUIPMENT

Ventilation Type Required: MECHANICAL

Protective Gloves: RUBBER OR PLASTIC, SOLVENT RESISTANT

Respiratory Protection: USE NIOSH/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE EXPOSURE LIMIT.

Other Protective Equipment:

Comments:

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: "OIL – WELL TREATING COMPOUND"

US DOT Hazard Class: NON-HAZARDOUS

DOT ID Number:

ID Number:

Freight Classification:

Unregulated By DOT:

Regulated by DOT: NO

Special Transportation Note:

Labels Required: NO

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