

**AERCHEM INC.**  
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**SECTION 1: IDENTIFICATION**

**Effective Date:** 4-21-95  
**Product Name:** Dihydrrous Calcium Sulfate  
**Chemical Formula:** CaSO<sub>4</sub> 2H<sub>2</sub>O

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Calcium Sulfate is considered a nuisance particulate. High exposure to dust or fume may produce irritation of eyes and respiratory system.

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**SECTION 3: PHYSICAL DATA**

**Physical Data:**

Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	2.32
Volatility:	n/a
Vapor Density:	n/a

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**SECTION 4: FIRE AND EXPLOSION DATA**

**Fire and Explosion Information:**

Flash point:	n/a
Extinguishing Media:	this product is non-flammable
Unusual Fire and Explosion Hazards:	n/a

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**SECTION 5: REACTIVITY DATA**

**Reactivity Data:**

Stable   X   Unstable           

<b>Conditions to Avoid:</b>	None
<b>Incompatibilities:</b>	none
<b>Hazardous Decomposition or byproducts:</b>	none
<b>Hazardous Polymerization:</b>	will not occur

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**SECTION 6: HEALTH HAZARD DATA**

**Toxicity:**

<b>Oral LD50 (rat):</b>	n/a
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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

<b>Spillage:</b>	Remove by dry sweeping or vacuum. Do not wash down drains - may plug drains
<b>Disposal:</b>	Act in accordance with all applicable Federal, state, and local waste management regulations

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**SECTION 8: FIRST AID PROCEDURES**

**First Aid:**

<b>Eyes:</b>	Wash eyes with copious amounts of water for 15 minutes. Seek medical advice, if irritation persists
<b>Skin:</b>	Wash with water. If irritation occurs, contact physician

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**SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

<b>Other Precautions:</b>	Dew point conditions or other conditions causing presence of moisture will harden gypsum during storage
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**SECTION 10: SPECIAL PROTECTION INFORMATION**

**Eye Protection:** safety glasses or goggles, as needed  
**Protective Gloves:** not required, may be desirable under certain working conditions  
**Respiratory Protection:** Use NIOSH approved particulate respirator as appropriate for nuisance dust  
**Other Protective Gear:** none

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**SECTION 11: TRANSPORT INFORMATION**

**DOT classification:** n/a  
**DOT pictograms:**