

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47408**

Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300

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**SECTION 1: IDENTIFICATION**

**Product Name:**            **CALCIUM SULFITE HYDRATE**  
**Molecular Formula:**    **CaSO<sub>3</sub> · xH<sub>2</sub>O**  
**CAS No.:**                    **10257-55-3**

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Possible severe allergic reaction due to overexposure

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**SECTION 3: PHYSICAL DATA**

Appearance:	white solid
Melting point.:	250°C
Boiling point:	no data
Solubility in water:	0.0043g/100mL
Specific gravity (water = 1)	no data
Vapor pressure:	no data

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	n/a
Extinguishing media:	carbon dioxide, foam, dry chemical
Unusual fire and explosions hazards:	none known

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**SECTION 5: REACTIVITY DATA**

Stable     X                        Unstable                       
**Decomposition byproducts:**            sulfur dioxide  
**Incompatibilities/Condition to Avoid:**    acids and oxidizers  
**Hazardous Polymerization:**            none

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**SECTION 6: HEALTH HAZARD DATA**

**TLV:**                                    no data

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:**            Sweep up and place in a dry marked container  
**Disposal:**            Consult local, state, and federal regulations

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**SECTION 8: FIRST AID PROCEDURES**

<b>Eye Contact:</b>	Flush eyes with water for 15 minutes. Contact a physician.
<b>Skin Contact:</b>	Wash skin with plenty of soap and water. If irritation persists or develops, contact a physician.
<b>Inhalation:</b>	n/a
<b>Ingestion:</b>	Dilute with milk and induce vomiting. Contact a physician.

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**SECTION 9: HANDLING AND STORAGE INFORMATION:**

Store in a tightly sealed container. Keep from heat.

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**SECTION 10: SPECIAL PROTECTION INFORMATION:**

<b>Ventilation:</b>	n/a
<b>Skin Protection:</b>	wear gloves
<b>Eye Protection:</b>	wear eye protection
<b>Respiratory Protection:</b>	n/a
<b>Other:</b>	use safety shower; wash contaminated clothing before reuse

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**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:**                    n/a

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**SECTION 12: OTHER REGULATORY INFORMATION**

<b>Federal and State regulations:</b>	n/a
<b>WHMIS (Canada):</b>	n/a
<b>DSCL (EEC):</b>	n/a
<b>HMIS (USA):</b>	n/a

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