



MATERIAL SAFETY DATA SHEET

Date Prepared: September 30, 2009

1. PRODUCT/COMPANY IDENTIFICATION

Product Name:
Sakrete Cement Mix Accelerator

Manufacturer's Name & Address:
Bonsal American/an Oldcastle Company
8201 Arrowridge Blvd
Charlotte, NC 28273

Emergency Telephone:
800-424-9300 (Chemtrec) or
703-527-3887 (Outside USA)

Telephone Number for Information:
704-525-1621

2. INGREDIENTS

Calcium Chloride CAS# 10043-52-4 (anhydrous) @ <50% by weight.

3. PHYSICAL/CHEMICAL PROPERTIES

Boiling Point:	105-125° C @ 20-45% solutions
Odor:	None
Specific gravity/Density:	1.19-1.49 @ 20-45% solutions (water=1) @27C solubility: complete
Melting Point:	Not applicable
Appearance:	Clear to slightly turbid liquid
Evaporation Rate:	Not applicable
pH:	Neutral or slightly alkaline

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable
Flammable Limits:	UEL: Not applicable LEL: Not applicable

Extinguishing Agents: This product is nonflammable. Use any agent suitable for the surrounding fire.

Unusual Fire and Explosion Hazards: See hazard of contact with zinc as in galvanized iron: Section VI.



5. HEALTH HAZARD INFORMATION

Routes of Entry:

SKIN:

May cause skin irritation. Under conditions of prolonged contact or when moisture is present, superficial burns may result.

Contact with abraded or broken skin can cause severe necrosis.

INHALATION:

Mist inhalation may irritate nose, throat and lungs. May cause nosebleeds.

INGESTION:

May irritate gastrointestinal tract; cause nausea and vomiting.

EYES:

May irritate or burn eyes.

Health Hazards:

No acute systemic, chronic systemic, or chronic local toxicity known.

Medical Conditions Aggravated by Exposure:

None known.

Carcinogenicity:

NTP N/A; LARC Monographs N/A; OSHA Regulated N/A

First Aid Procedures:

EYES:

Promptly flush with water. **Consult a physician.**

SKIN:

Wash with plenty of water. **Consult a physician.**

INGESTION:

If conscious, immediately give 2-4 glasses of water and induce vomiting by touching finger to back of throat. **Consult a physician.**

INHALATION:

Remove to fresh air. **Consult a physician** for irritation or discomfort from inhalation.

6. REACTIVITY

Stability:

Stable

Hazardous Decomposition/ Rx Products:

Fumes of chlorides are given off at temperatures above 1600 C.

Incompatibilities: (Materials to Avoid)

Reacts violently with boron trifluoride or a mixture of boron trioxide and calcium oxide. Water-reactive materials, such as sodium, cause an exothermic reaction. Methyl vinyl ether starts a runaway polymerization reaction. Zinc, as in galvanized iron, yields hydrogen gas which may **explode** under certain conditions.

7. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Dilute small spills cautiously with plenty of water. Mop into an appropriate container and cover. Spray residue with plenty of water.

Dike up large spills with any available absorbent (sand, etc). Pump into appropriate containers and treat as above.

Waste Disposal Method: This product is not considered a hazardous waste under current federal guidelines.

Dissolve in sufficient amounts of water to meet existing water quality standards.



8. SPECIAL PROTECTION INFORMATION

Storage:	Store in a closed container. Protect from physical damage. Do not store in metals which this solution corrodes.
Respiratory Protection:	None normally required. If exposures are anticipated to be excessive, appropriate respiratory protection should be selected by a qualified individual. Respirator should not contain any metals corrodible b these solutions.
Personal Protective Equipment:	NIOSH approved mist respirator may be used as needed. Safety goggles are recommended. Do not wear contact lenses. Wear long sleeved shirt, long pants, impervious boots, gloves and an apron for routine product use.
Ventilation:	Local exhaust in packaging and unloading areas, over open processing equipment, and any other places where misty conditions may prevail. Natural ventilation is adequate for other areas.
Other:	An eyewash station and safety shower are recommended.

9. DISCLAIMER OF LIABILITY

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