



Concrete Pharmacy® FAST — MSDS October 2007

SECTION I — GENERAL INFORMATION

1. CTS Cement Manufacturing Corporation | Rapid Set® Products
11065 Knott Avenue, Suite A
Cypress, CA 90630
2. Emergency Phone Number: (800) 929-3030
3. Website: www.ctscement.com or www.rapidset.com
4. Trade Name and Synonyms: FAST
5. Chemical Family: Aluminum Sulfate
6. Class: Additive

SECTION II — HAZARDOUS INGREDIENTS

7. Component: Aluminum Sulfate
Hazard: Irritant

SECTION III — PHYSICAL DATA

8. Boiling Range: N/A
9. Vapor Pressure: N/A
10. Vapor Density: N/A
11. Soluble in Water: 50%
12. Specific Gravity: 1.61
13. % Volatile by Volume: N/A
14. Evaporation Rate: N/A
15. Appearance and Odor: White or creamy white granules or powder; odorless

SECTION IV — REACTIVITY DATA

16. Flash Point: N/A
17. Flammable or Explosive Limits: N/A
18. Extinguishing Media: This material is not combustible. Use an extinguishing media appropriate for surrounding fire.
19. Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fires.
20. Special Fire and Explosion Hazards: Temperatures above 1400°F yield toxic and corrosive gases.

SECTION V — HEALTH HAZARD DATA

21. Primary Routes of Exposure: Skin or eye contact
Signs and Symptoms of Exposure:

- **Inhalation** — Breathing dust may irritate respiratory tract.
 - **Eye Contact** — Dust may strongly irritate or burn the eyes.
 - **Skin Contact** — Prolonged or repeated contact with the dust may irritate the skin, especially if moisture is present.
 - **Swallowed** — Swallowing the solids may cause irritation of the gastrointestinal tract, nausea, and vomiting.
 - **Swallowing** — large amounts may cause burns to the digestive tract.
22. first-aid:

- **Inhalation** — Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.
- **Eye Contact** — Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention.
- **Skin Contact** — Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists.
- **Swallowed** — If conscious, immediately induce vomiting by giving 2 glasses of water and sticking a finger down the throat. Get immediate medical attention. Do NOT give anything by mouth to an unconscious person.

SECTION VI — RADIOACTIVITY DATA

23. Stability: Stable
24. Materials to Avoid: Alkalies
25. Hazardous Decomposition Products: None
26. Hazardous Polymerization: Will not occur

SECTION VII — SPILL PROCEDURES

27. Steps to be Taken in Case Material is Released or Spilled: Sweep up and dispose of as common waste.
28. Waste Disposal Method: Dispose of as common waste.

SECTION VIII — SPECIAL PROTECTION INFORMATION

29. Respiratory Protection: If conditions are dusty, the use of NIOSH-approved respirator is recommended.
30. Ventilation: Local exhaust can be used if necessary to control airborne dust levels.
31. Eye Protection: In dusty environments, the use of tight-fitting goggles is recommended.
32. Skin: Use barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with component.

SECTION IX — SPECIAL PRECAUTIONS

33. Precautions to be Taken in Handling and Storing: Material should be kept in a dry environment.
34. Other Precautions: None