



Concrete Pharmacy® SET Control® — 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
4. Chemical Name and Synonyms: N/A
5. Trade Name and Synonyms: Set Control®
6. Chemical Family: Organic Acid
7. Formula: Citric Acid

SECTION II — HAZARDOUS INGREDIENTS

8. Hazardous Ingredients: N/A

SECTION III — PHYSICAL DATA

9. Boiling Point: N/A
10. Vapor Pressure: N/A
11. Vapor Density: N/A
12. Solubility in Water: Soluble
13. Specific Gravity: 1.5
14. Percentage Volatile by Volume: N/A
15. Evaporation Rate: N/A
16. Appearance and Odor: white powder, odorless

SECTION IV — REACTIVITY DATA

17. Flash Point: N/A
18. Flammable or Explosive Limits: N/A
19. Hazardous Decomposition Products: May form toxic materials; carbon dioxide and carbon monoxide, various hydrocarbons, etc.
20. Fire-fighting Procedures: Wear self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode when fighting fires.
21. Special Fire and Explosion Hazards: Can react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc., to release hydrogen gas, which can form explosive mixtures with air.

SECTION V — HEALTH HAZARD DATA

22. Permissible Exposure Level: Not established for product. (See Section II)
23. Effects of Acute Overexposure:

- **Eyes** — Can cause irritation
- **Skin** — May cause irritation
- **Breathing** — Dust can cause irritation of nasal and respiratory passages.
- **If Swallowed** — By nature of product, problems are not expected, but industrial products are never meant to be swallowed.

24. first-aid:

- **If on Skin** — Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-wearing.
- **If in Eyes** — Flush with large amounts of water, lifting upper and lower lids occasionally; get medical attention.
- **If Swallowed** — Immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or by placing finger in back of throat. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- **If Inhaled** — Remove individual to fresh air.

SECTION VI - RADIOACTIVITY DATA

25. Hazardous Polymerization: Cannot occur

26. Stability: Stable

27. Incompatibility: Avoid contact with strong alkalis, reactive metals, such as aluminum and magnesium.

SECTION VII — SPILL PROCEDURES

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

- **Small Spill** — Sweep up material for disposal or recovery.
- **Large Spill** — Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

29. Waste Disposal Method:

- **Small Spill** — Dispose of in accordance with all local, state, and federal regulations.
- **Large Spill** — Dispose of in accordance with all local, state, and federal regulations.

SECTION VIII — SPECIAL PROTECTION INFORMATION

30. Respiratory Protection: If needed, use a NIOSH/MSHA jointly approved dust respirator. Consult your safety equipment supplier.

31. Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

32. Protective Gloves: Wear resistant gloves such as neoprene, nitrile rubber, polyvinyl chloride.

33. Eye Protection: Chemical splash goggles in compliance with OSHA regulations also permit other type safety glasses. Consult your safety equipment supplier.

34. Other Protective Equipment: Normal work clothing covering arms and legs.

SECTION IX — SPECIAL PRECAUTIONS

35. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the datasheet must be observed.

36. The information accumulated herein is believed to be accurate, but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstance.