

5. FIRE AND EXPLOSION HAZARD DATA

Product is non-combustible; no extinguishing media or special fire-fighting procedures are required. There are no unusual fire or explosion hazards.

6. REACTIVITY DATA

Stability: Stable Unstable

Stable and inert under normal conditions. No hazardous polymerization can occur. No hazardous decomposition products or conditions.

Materials to Avoid: Will react with strong acids (to generate hydrogen chloride) and strong oxidizing agents (to generate chlorine gas).

7. PHYSICAL DATA

Appearance:	Colorless or white crystals	pH:	8 - 9
Odor:	None	% Non-Volatile:	100
Density (Water = 1):	2.165 g / cc	Vapor Pressure (mm Hg):	1 mm @ 865°C (1589°F)
Solubility in Water:	36 g / 100 cc water at 20°C (68°F) Calcium silicate is insoluble in water	Boiling Point (760 mm Hg):	1413°C (2575°F)

8. SPILL OR LEAK PROCEDURES

Response to Small Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Response to Large Spills: Shovel and sweep up; containerize for reclamation or disposal.

Hazards to be Avoided: None.

Reportable Quantity: Check your state for requirements.

Waste Classification: Some states have set maximum limits on chlorides in waste effluent.

Disposal Methods: Whatever cannot be saved for reclamation may be delivered to an approved waste disposal facility or if local ordinances allow, can be dissolved in sufficient amounts of water to meet water quality standards, and flushed down a sewer drain. Ensure compliance with local, state and federal regulations.



9. SPECIAL PROTECTION INFORMATION

- Respiratory Protection:** For conditions of use where exposure to the dust is apparent, a NIOSH approved dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary.
- For Hands, Body:** If deemed necessary, wear protective gloves and clean body-covering clothing.
- For Eyes:** If deemed necessary, use chemical safety glasses or goggles. Contact lenses should not be worn when working with this material. Eye wash fountain or water for eyewashing should be available.
- Ventilation:** In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

10. SPECIAL PRECAUTIONS

Transport in dry equipment; store in dry location. Handling procedures should minimize generation of airborne dust. Dust respirator as appropriate where exposure exceeds the 10 mg/m² ACGIH TLV for nuisance dust.

11. LABELING INFORMATION

DOT Shipping Name:	Salt (common), sodium chloride	UN No.:	Not applicable
DOT Label:	Not applicable	Additional Product Label:	Not applicable
		Warning:	None

12. USER'S RESPONSIBILITY

The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

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