

Reducing Maintenance Cost On Unpaved Roads With Calcium Chloride



Untreated Road



Treated Road

Roads treated with calcium chloride can dramatically improve surface stabilization. The photo on the left shows an untreated road; the photo on the right shows the improved condition of the calcium chloride road.

Perhaps the most serious problem associated with fugitive dust is the dramatic increase in maintenance cost associated with unstabilized roads. Dust, or fines are the “glue” that holds the surface of unpaved roads together. When fines are lost to air, road surfaces become unstable, increasing aggregate loss, harming drainage properties and dramatically increasing maintenance costs.

WHY CALCIUM CHLORIDE?

Calcium chloride has unique properties that make it ideal for maintaining unpaved roads and fortifying road bases for new construction. It is both **hygroscopic** (it draws moisture from the air) and **deliquescent** (it resists evaporation and stays in solution).

SAFE DRIVING, FEWER COMPLAINTS

Calcium chloride keeps roads moist, day-in and day out, keeping nuisance dust down. Reduced potholing and rutting made possible by calcium chloride surface stabilization makes roads safer year-round.

ENHANCED COMPACTION

Calcium chloride’s resistance to evaporation makes it the ideal alternative to water in hot weather application.

LONG TERM PROTECTION

Calcium chloride protection of unpaved roads and road bases is cumulative and long-lasting.



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