

# *Liquid Calcium Chloride*

## *Information Sheet*

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### ***Calcium Chloride:***

- is hygroscopic – it attracts moisture.
- is a natural occurring brine extracted from the earth.
- can be slippery when wet.
- yearly application produces a cumulative effect – the product is more effective when applied annually. You will notice after a rain that the area is revived somewhat.

### ***How does it work?***

- When a gravel surface loses its moisture in the summer heat, small dust particles or “fines”, fly off into the air.
- Wind and vehicle traffic only magnify the “fines” or dust.
- The calcium chloride draws the moisture from the air to keep the fines moist.
- The calcium chloride actually forms a bond to the gravel surface and helps to eliminate dust and maintain the road’s integrity.

### ***Prior to dust control application:***

1. The road crew prepares the road surface (blading, etc).
2. The area is staked by the road crew. If you do not agree with the area staked, you may move the stakes either direction as long as you do not exceed 500 feet.
3. If your road is slated for gravel, the gravel will be applied prior to the application of dust control.

### ***After dust control application:***

1. The road crew do little or no blading of treated areas (until fall). This helps to keep the product working at its best.
2. Certain areas will require a second application in one season depending upon traffic (high traffic or heavy traffic areas)
3. Dust control spots may be watered to revive the product during dry conditions.