

# ProGuard™

## CAL

ProGuard™ CAL is a high performance dust control and soil stabilization agent designed to extend the life of your gravel roads and surfaces. Composed of calcium chloride ( $\text{CaCl}_2$ ), ProGuard™ CAL controls dust on gravel roads by attracting moisture from the air to keep surfaces damp, even in hot, dry conditions.

## Features and Benefits:

ProGuard™ CAL binds fine dirt and aggregate particles to keep surfaces stable and dust free. ProGuard™ CAL can be used on gravel roads, parking lots and driveways as well as in mining operations and construction areas.

A high performance dust control agent, ProGuard™ CAL is designed to:

- Attract moisture, facilitating compaction and improving aggregate stability.
- Help limit deterioration and frequency of spot repairs, blading and aggregate replacement.
- Create safer road conditions by increasing driver visibility and local air quality.
- Decrease road hazards caused by loose gravel and uneven surfaces.



## General Properties and Guidelines:

<b>Appearance</b>	Clear colourless
<b>% CaCl<sub>2</sub> (w/w)</b>	35%
<b>Specific Gravity (15°C/60°F)</b>	1.354 g/mL
<b>Weight (15°C/60°F)</b>	11.30 lbs/gal

ProGuard™ CAL is free of toxic metals and substances. Application rates vary based on soil type and traffic volume; typical application rates range from 1.0 to 2.3 liters per square meter / 0.2 to 0.5 gallons per square yard. Follow up applications rates are applied at half the initial dosage.

<b>Calcium Chloride</b>	<b>35%</b>
EQUIVALENT TO	
<b>Magnesium Chloride</b>	<b>30%</b>

Calcium chloride and magnesium chloride solutions cannot be compared at equivalent percentages as they have different molecular weights. Molecular weight conversion has been universally adopted in most US States and Canadian provinces.

## Colorado State University Study

A study conducted by Colorado State University on the “Relative Effectiveness of Road Dust Suppressants” concluded that a 42% reduction in total aggregate loss was achieved when unpaved roads were treated with calcium chloride.

Distributed by:



78 Orchard Road  
Ajax, Ontario, L1S 6L1  
Toll Free: 1 800-387-5777

454 River Road  
Glenmont, NY 12077  
Toll Free: 1 800-257-5808

[www.innovativecompany.com](http://www.innovativecompany.com)

