



## Dust Control

We offer Liquid Calcium Chloride Natural Brine in varying quantities to meet the needs of both large and small customers. High solids content and low Sodium Content. Cost effective, no mixing, all natural.

While fugitive dust may sound like purposeful evasion with criminal intent, it is dust generated in activities incidental to industrial and municipal operations.

Applied to parking lots, dirt roads, driveways, horse rings, industrial yards, mining and construction sites etc. Liquid Calcium Chloride Brine is a superior dust control product that is second to none.

Andemar's Liquid Calcium Chloride Natural Brine contains 25-28% concentration unlike other traditional brines which typically range between 12-18% concentration.

Our products excell with our HVLP application system and proper customer site preparation.

Our fleet of trucks and application equipment is able to properly accomodate all typical and unique applications.

Distribution, delivery and application is available to customers purchasing our Liquid Calcium Chloride Natural Brine for dust control.

Bulk loads are available for medium to large jobs from 2,000 gallons to 10,000 gallons, (7,500 litres to 18,900 litres).  
Or for small jobs we supply 275 gallon totes (1,040 litres)



All pictures taken May 2013 at approx 65km/hr



**No Treatment**



**Sodium Brine**



**Calcium Chloride Natural Brine**

The main potential causes of high dust emissions in the private residential areas of daily used gravel based roads also includes: entrainment of tracked-out material on the roads, excessive vehicle speed, unusually dry road conditions and excessive silt content in road material and addition of winter traction materials. These potential causes of high fugitive dust emissions can be reduced by using effective dust suppressants such as Calcium Chloride Natural Brines.



Commonly used practices of using water H2O have proven to be ineffective and will only limit dust and create more silt material and particulate matter. Water is usually only affective for up to 4 hrs, while Calcium Chloride Natural Brine 28% has proven to work between 2 weeks and 4 months depending on conditions. Although initial costs for water are thought to be inexpensive, the constant deployment of man and machine can prove quite contrary.

**Can you find the flag man??**

In the construction industry the code of practice for the reduction of air emissions for construction and demolition activities is a major component of the 2010 emissions plan, called out by Environment Canada officials to reduce air pollution levels, federally and provincially.

At a mine or construction site, fugitive dust could be generated from activities such as rock crushing, material handling, tailings storage and vehicle movements. Fugitive dust is a concern because of potential health and environmental impacts of fine particulate matter.

The Ontario Mining Association's Environment Committee helped set in motion the development of a series of fugitive dust best management practices guideline documents that are now broadly available.

"The issue was that the management and control of fugitive dust emissions was creeping into conditions for getting Certificates of Approval," said a member of the OMA Environment Committee "We thought why not develop materials to coordinate fugitive dust management to meet C of A requirements."

Rounding up fugitive dust emissions may not have the same level of suspense and drama as the remake movie of 1993 "The Fugitive". However, the works of such organizations as FCM, OPSS, OMA.ECC, CEMI, EC.GC.Canada, MOE:provincial and CCA in this country have made positive steps forward in enhancing Provincial and Federal environment and its environmental consciousness.



\*References: [mining/OMAfugitivedust.htm](#); [OMA helps set protocols to capture fugitive dust emissions:10/15/10](#); [Dcn;oh&s;roadbuilding/demolitions02/09/05/](#); [ec.gc.ca](#); [Environment Act License 2628 R](#); [San gold-Goldcorp: best practices :ADIC](#)