

Den-Mar Brines Limited

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Product Data Sheet

Dust Fighter Hi-Cal

High Performance Dust Suppression

Dust Fighter Hi-Cal is a 100% natural mineral brine solution rich in calcium chloride, magnesium chloride, and sodium chloride salts.

Product:	Dust Fighter
Form:	Liquid
Colour:	Clear
Composition:	
Calcium Chloride	15.0% - 16.0% w/w 18.0% - 20.0% w/v
Sodium Chloride	8.0% - 9.0% w/w 11.0% - 13.0% w/v
Magnesium Chloride	2.5% - 3.5% w/w 4.0% - 5.0% w/v
Water	69.5% - 72.5% w/w 63.0% - 66.0% w/v
Specific Gravity:	1.25 @ 27 degrees Celsius
pH:	neutral
Boiling Point:	110 degrees C
CAS Number:	10043-52-4 (anhydrous) 7647-14-15 (anhydrous) 77-181-6
Storage:	polyethylene tanks
Availability:	bulk truckload

Safe and Environmental Friendly

Brine has been accepted as a product on the MOE dust suppression list. Brine has been given the best rating in aquatic toxicity tests by the MOE (Grade 0)

Outstanding Dust Control

Dust Fighter Hi-Cal contains compounds that are very hygroscopic. These compounds attract moisture from the air and are very resistant to evaporation. The brine binds dust particles together to keep surfaces stabilized.

Advantage of Dust Fighter

High Water Content: The higher water content of **Dust Fighter Hi-Cal** reduces the need to pre-water gravel surfaces. This is particularly advantageous in very dry environments.

Lower Cost per Liter: A significantly lower cost per liter compared to stronger magnesium chloride or calcium chloride solutions. This is particularly advantageous when *repetitive* applications are required.

More Economical: Compared to 30% magnesium chloride or 35% calcium chloride, **Dust Fighter Hi-Cal** offers significant savings.