

Description

ALMEX AMS-3000M/C is a specially formulated chemical that will provide excellent performance to suppress dust emissions for copper, nickel, silver, gold, iron ore, limestone and cement processing for belt conveyor transfer points, barge unloading, stockpiling, shipping and transport, and silo storage and wet scrubber processes.

Application of ALMEX AMS-3000M/C with the recommended dosage will suppress dust emissions during the entire handling process as the ALMEX AMS-3000M/C formula is designed to allow for absorption and capture of hydrophobic fugitive dust and entrain the particles back within the primary material flow at up to 99% efficiency with reduced water consumption up to 80%. ALMEX AMS-3000 M/C will provide an all in one option for your handling operation through reducing clean-up costs while recapturing previously lost saleable materials thus improving your bottom line.

AMS-3000M/C is fully non-hazardous and bio-degradable, and will not interfere with conveyor transfer points, and plant crushing and screening systems.

AMS-3000M/C will not adversely affect or interfere with metals heap leach processing when applied as directed.

AMS-3000M/C will not adversely affect cement product set up time and cured hardness levels when applied as directed.

Application

ALMEX AMS-3000M/C is diluted in water with 0.3-0.8% ratio for solution preparation at water to chemical dilution rates of 100-1000 to 1 depending upon the application. Typical solution application rates of .25% to not more than 1% by weight / volume is recommended, depending upon bulk material being treated. Application of ALMEX AMS-3000M/C is required as In-line Flow Treatment within Belt Conveyor Transfer Points with dosing pump injecting the chemical into a water spray making a solution which is applied by nozzle manifolds mounted in opposing directions that lightly coats the entire material flow. Please contact your Almex representative for proper pump equipment and application rates for your specific materials.

Typical Physical Properties

Form	Liquid
Color	Light Brown
Concentration	9%
pH	5.0 – 6.0
Boiling point/range	100 °C
Flash point	Not applicable
Water solubility	Very soluble
Relative density	1.01 – 1.03 gr/cm ³
Viscosity	< 50 cPs



Environmental

All ingredients of ALMEX AMS-3000M/C have been assessed as fully biodegradable and 100% non-hazardous. Please refer to the MSDS for additional detail.

Packaging

ALMEX AMS-3000M/C is optionally packaged in 20 litre can, 200 litre plastic drum, 1000 litre tote or Tank containers.

Handling and Storage

ALMEX AMS-3000M/C is considered as non-hazardous material. When applying the diluted product, good industrial hygiene practices should be used to minimize any exposure to potential skin, eye or respiratory contact. Please refer to the MSDS for additional detail.