

**Description**

ALMEX AMS-3000 is speciality-formulated chemical that has excellent performance to suppress Coal Dust Emissions while maintaining and lowering total moisture addition to achieve desired dust control results.

The ALMEX AMS-3000 formula is designed to stabilize coal dust emissions and maintain low humidity and moisture levels for coal material and the storage environment throughout the conveyed material flow, stockpile and final storage point. Applying ALMEX AMS-3000 with the right dosage will maintain and/or decrease coal stock environment moisture levels when compared to using water alone and consequently will suppress dust emission during loading-unloading process at an overall lower total moisture addition level. The combination between excellent dispersing performance and moisture stabilization makes ALMEX AMS-3000 an all-in-one option to take on the major issue in coal handling.

AMS-3000 is fully non-hazardous and bio-degradable, and will not adversely affect belt conveyor transfer points and plant crushing, screening, storage and boiler systems and is a 100% carbon based product.

**Application**

ALMEX AMS-3000 is diluted in water with 0.3-0.8% ratio for solution preparation at water to chemical dilution rates of 250-1000 to 1 depending upon the application. Typical solution application rates of no more than .50% to 1% by weight / volume is recommended, depending upon dusting severity of the coal flow. Application of ALMEX AMS-3000 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 <sup>3</sup>
Viscosity	< 50 cPs



### **Environmental**

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

### **Packaging**

ALMEX AMS-3000 is optionally packaged in 20 litre can, 200 litre plastic drum, 1000 litre IBC or 20,000 Liter ISO Tank containers.

### **Handling and Storage**

ALMEX AMS-3000 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.