

## **ALMEX AMS-1000**

### **Description**

ALMEX AMS-1000 is a polymer emulsion that provides long lasting binding performance on its application for Dust Control/Dust Suppressant and Pile Sealing.

ALMEX AMS-1000 is a green product because it's free from APEO (Alkylphenol Ethoxylate), Formaldehyde, Ammonia, Phthalates and heavy metals.

### **Application**

ALMEX AMS-1000 is easy to apply (easy to dilute), sustainable and durable, do not wash away with rain and non-corrosive material.

#### **Dust Suppressant application**

Each location requires a unique dilution based on handling, material type, material size distribution and weather conditions. Training and experience are necessary prior to a successful application. Site and project review is important to optimize application. Dilution rate (with water) is 1:100-200 for 15-30 MT coal. Common application method is using nozzle spray manifold attached conveyor or by direct application by water cannon. Loading capacity determines number of nozzle, spray capacity and pump capacity.

#### **Pile Sealing application**

Solution preparation (dilution with water) is up to 1:15, solution applied to 0.5 liter/m<sup>2</sup> area. Application method is using nozzle spray direct to stockpile. Common application is by water cannon.

### **Typical Physical Properties**

Form	Liquid
Color	White milky
pH	5.5 – 7.0
Boiling point/range	100 °C (212°F) water
Flash point	N/A
Lower explosion limit	N/A
Upper explosion limit	N/A
Water solubility	Very soluble
Relative density (g/cm <sup>3</sup> )	1.04 – 1.06
Viscosity, dynamic (cP)	< 2000



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### **Environmental**

All ingredients of ALMEX AMS-1000 have been assessed as biodegradable. The rate of degradation will be accelerated in moist soil conditions and those with high organic content. Acute toxicity of the primary degradation is accordingly very low, please refer to the MSDS.

### **Packaging**

ALMEX AMS-1000 is optionally packaged in 200 litre plastic drum, 1000 litre IBC or Tank containers.

### **Handling and Storage**

ALMEX AMS-1000 is considered non/low irritating to eyes and skin, however the usual precautions for handling chemicals should be observed. Avoid contact with eyes and skin by wearing goggles and gloves. For skin contact washes with water and soap, while eye contact flush with water for 15 minutes. Ingestion: seek urgent medical care.

Keep container tightly closed.