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**Description**

ALMEX AMS-2012 is polynaptha that provides long lasting binding performance, moisture and cooling stability on its application for Long Term Dust Control/Dust Suppressant, Coal Quality Protection and Spontaneous Combustion Control.

ALMEX AMS-2012 is a green product because it's free from APEO (Alkylphenol Ethoxylate), Formaldehyde, Ammonia, Phthalates and heavy metals.

**Application**

ALMEX AMS-2012 is easy to apply (easy to dilute), sustainable and durable, do not wash away with rain and non-corrosive material.

Each location requires a unique dilution based on coal handling, coal type, 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 1:40-120 for 20-40 MT coal.

Common application method is using nozzle spray manifold attached on coal conveyor system. Loading capacity determines number of nozzle, spray capacity and pump capacity. Typical treatment location is the last transfer point before stockpile or final loading or transport point.

**Typical Physical Properties**

Form	Liquid
Color	Grey
pH	5.5 – 7.0
Boiling point/range	100 °C (212°F) water
Flash point	Non-combustible
Lower explosion limit	N/A
Upper explosion limit	N/A
Water solubility	Very soluble
Relative density (g/cm <sup>3</sup> )	1.00 – 1.03
Viscosity, dynamic (cP)	< 100



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### **Environmental**

All ingredients of ALMEX AMS-2012 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-2012 is optionally packaged in 200 litre plastic drum, 1000 litre IBC or Tank containers.

### **Handling and Storage**

ALMEX AMS-2012 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.