



LIGNO ROAD BINDER

ENVIRONMENTALLY FRIENDLY FOR A BETTER TOMORROW!

LIGNO Road Binder is a 100% pure, biodegradable product for dust abatement, soil stabilization, and aggregate improvement. The product consists of sucrose, plant fiber, and aquatic solution, which have gained widespread use to fugitive dust control and road stabilization. LIGNO Road Binder is water soluble at all concentrations. This feature facilitates removal from application equipment, clothing, etc.

The principle use of LIGNO is to maintain unpaved roads and parking lots by controlling dust and stabilizing and sealing roads. LIGNO Road Binder dust palliative is completely organic and non-hazardous to people animals and the environment.

LIGNO FUNCTION: LIGNO Road Binder is an adhesive that bonds the soil particles together. This is partially true in that the wood sugars and lignin polymer are both bonding agents. However, the wood sugars are also hygroscopic and attract moisture to the road surface. This tends to give a flexible coating with a decreased dusting tendency. This ability to attract moisture is very important when the lignin is "top shot" on the roadway.

The LINGO Road Binder fraction is a bonding agent, but it is also a strong anionic surfactant. It bonds itself chemically to the clay minerals in soils and acts as a deflocculating or dispersing agent. This tends to fill the voids and gives a higher density for the same moisture content.

LIGNO Road Binder dust palliative is a state-of-the-art dust control. When applied to gravel roads it will penetrate and extend down binding the fines together making a durable road surface.

NO PROBLEM WITH LIGNO ROAD BINDER

100% ENVIRONMENTALLY FRIENDLY

100% BIODEGRADABLE

LYMAN DUST CONTROL, INC
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