



CBP-SurTac – Dust Control & Soil Stabilization

Product Description:

The Columbia Pulp mill near Starbuck Washington utilizes a unique and proprietary pulping process to convert wheat straw into paper pulp and other high-value liquid bio-polymers. CBP-SurTac, our dust control product, is a natural biopolymer mixed with water. The 50% total solids concentration is comprised mainly of carbohydrates, lignin, and trace minerals.

CBP-SurTac is an American-made derivative of wheat straw, without the objectionable odors and negative environmental impacts common to lignosulfonate, and without the quality and supply inconsistencies common to sulfite &/or Kraft pulp lignin solutions on the market.

This agri-based dust control product is non-toxic to local waterways, animals, and plants and is non-corrosive to vehicles and concrete surfaces. Unlike other agri-based products, CBP-SuTac is not derived from nor does it compete with food or feed sources and out performs other organic additives as a corrosion inhibitor and soil binder.

CBP-SurTac is fully miscible and may effectively be used as-is or mixed with Magnesium Chloride. This natural stabilizer improves gravel road material structure while maintaining flexibility and reducing freeze damage.

Non-Toxic Bio-chemical Formulation

CBP-SurTac is a plant-based co-polymer optimizing product adhesion to road surfaces and soil penetration. As-is or mixed with Chloride solutions (NaCl, CaCl₂, MgCl₂), CBP-SurTac will stay put where applied improving dust control, structural stability, and freeze prevention performance. As a direct-applied product, CBP-SurTac replaces harmful chloride solutions and significantly reduces the environmental impacts associated with alternative petroleum-based solutions. The humectant attributes of CBP-SurTac draws moisture from the air to maintain flexibility and prolonged dust control long after it is applied.

Corrosion Inhibitor & Penetrant

The formulation of CBP-SurTac better penetrates road surfaces, eliminating the requirement for blade mixing, and rendering treated surfaces pliable yet durable. Independent third-party analysis has confirmed CBP-SurTac is less likely than either lignosulfonate or Magnesium Chloride to leach out of soils during rain events. Furthermore, the addition of CBP-SurTac renders Magnesium Chloride significantly less corrosive to ferrous metals.

Sustainable Cost Advantage

CBP-SurTac is derived from wheat straw residue grown and harvested in the Pacific Northwest and is produced in America. The environmental footprint of this highly effective dust palliative is far less than alternative products on the market. High value performance coupled with competitive pricing render CBP-SurTac a budget booster and should be a part of any environmentally preferred road maintenance procurement plan.