



Renewable Lubricants, Inc.

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Bio-Dust Suppressant™

(Water Soluble Concentrate)



"Biobased Lubricants that Perform Like Synthetics"

Bio-Dust Control Suppressant™ is a specially formulated, ultimately biodegradable¹, natural ester based dust control Water Soluble concentrate that provides a safer spray-down improvement over petroleum-based dust control products for dust control that continues to hold-down and bond dust particles for improved air quality. This safe, nonflammable biobased product contains no hazardous Volatile Organic Compounds (VOCs). It replaces petroleum-based products that are environmental problems and no longer accepted by EPA. Bio-Dust Control Suppressant™ has exceptional benefits over petroleum oils in these applications because there is direct danger of polluting the water, soil, or work environment through loss of the petroleum product.

The advantages are many: biodegradable¹, renewable, low toxicity, no hazardous VOCs, Safer, High Flash Point (287.8 °C), OSHA and ISO 14000 compliant, reduces foreign oil and helps secure the American economy. EPA, OSHA and Workers Acceptance is high with Biobased Products.

Applications:

General purpose dust control spray-down for around stock yards, riding arenas, fairground lots, dirt, stone, and coal stockpiles, underground and aboveground mines and construction areas, stone crushers and transfer conveyer dust, spray-down over dirt roads, or anywhere that require a safer dust suppressant.

Directions: Bio Dust Control Suppressant™ may be solubilized with water before use to prevent build-up of air born dust. Because the product is emulsifiable in water and contains a non-toxic food grade polymer in vegetable oils as a binding and wetting agent, it is more versatile, safer, and lower cost to use than most similar petroleum based or re-refined petroleum products. May be used at 1 part of Bio-Dust Control Suppressant™ to 10 parts water before rain, or diluted 1 part of Bio-Dust Control Suppressant™ to 20 or 30 parts water for sever dusty Spray-Down application and for sever dusty conditions produced around mining equipment and stone crushers, and **For Best Longer Term Spray-Down Results:** Diluted 1 part of Bio-Dust Control Suppressant™ with up to 40 or 50 parts water for multiple Spray-Down Layer applications and work into top layer of dirt with grader blade or drag in multiple bonded layers of Spray-Down surfaces. These multiple bonded layers provide a longer lasting more resistant bonded layer dust control, better than one unworked single high-volume spray-down layer at 1 to 20 water ratio. Last longer than water spray-down alone.

TYPICAL TEST DATA:

ASTM D-445 (68.0 cSt @ 40°C)

ASTM D-665-A Corrosion Protection-neat no water (pass)

ASTM D-92 Flash Point 550 °F (287.8 °C)

ASTM D-97 Pour Point (-18°C)

Pound Per Gallon (7.6)

ASTM D-130 Copper Corrosion (1a)

Emulsification with Water (Yes-White Milky solution)

pH of 5% emulsion in well water (7.0 to 7.5 pH)

¹ Ultimate/Readily Biodegradation (Pw1) >60% within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants

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Availability	F.O.B. :Hartville, Ohio, USA	1 Gallon	5 Gallon Pail	Drum	Totes
RLI Product Item #		84193	84194	84196	84197