



Renewable Lubricants, Inc.

476 Griggy Rd., P.O. Box 474

Hartville, Ohio 44632-0474

Voice: 330.877.9982 Fax 330.877.2266

Web: www.renewablelube.com

Bio-Dust Suppressant™

(Food Grade H1) 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, Food Grade² 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, 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 polymer in vegetable oils as a binding and wetting agent, it is more versatile, safer, and lower cost 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.

TYPICAL TEST DATA:

ASTM D-445 (40.0 cSt @ 40°C)

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

Pound Per Gallon (7.6)

Emulsification with Water (Yes)

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

ASTM D-97 Pour Point (-20 °C)

ASTM D-130 Copper Corrosion (1a)

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

² Base oils and additives in these products are listed in 21 CFR 178.3570, Lubricants for incidental food contact HX1 for (USDA H1) formulations. Full compliance with other applicable restrictions of FDA, USDA, oil spill, and oil pollution prevention statutes are recommended.

¹ Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants

* Trademark of Renewable Lubricants, Inc.

Copyright 2002 Renewable Lubricants, Inc. Proprietary Formula

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