



ACL-BSDDC

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**BIOSOL DDC**

**SYNTHETIC DUST CONTROL**

**TECHNICAL DATA**

**BioSol-DCC: One Less Thing To Worry About!**

Airborne dust is not only an indication of surface & roadway deterioration. Tiny particles of fugitive dust are also a health hazard. They cause harm to human & animal respiratory systems, choke vegetation & deteriorate landscaping. Dust is also a safety hazard, it reduces visibility on roadways & causes unnecessary wear & tear on vehicles and machinery. Companies & municipalities alike are increasingly aware of the benefits that a quality dust control program has on the efficiency & cost effectiveness of their day-to-day operations. A safer alternative to calcium chloride & lignosulphonates, BioSol-*DCC* represents a new age in controlling dust & the costly effects of soil erosion. Based on leading edge *synthetic* lubricant technology, *DCC* creates a dust-free surface with superior strength by penetrating, saturating & bonding surface dust & aggregate together. It's non-flammable, non-toxic, non-carcinogenic, readily biodegradable, VOC exempt according to the California Air Resources Board & it's also non-regulated under TDG.

**Features & Benefits:**

Here are just a few of the advantages of choosing BioSol-*DCC*:

- \* Superior soil bonding, saturation and cohesion
- \* Excellent wetting, dispersion & soil penetration
- \* Very durable, repels moisture, long-lasting
- \* Extremely resistant to heat & evaporation
- \* Drastically reduces maintenance requirements
- \* Adding water creates fast-breaking, weak emulsion
- \* Non-flammable, practically non-toxic
- \* Non-corrosive, not regulated under TDG
- \* No calcium chloride, no lignosulfonates
- \* No phosphates or petroleum by-products
- \* No carcinogens, no VOC content, biodegradable
- \* 100% active material, no water content

**ALTACHEM LTD.**

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**BIOSOL DDC****SYNTHETIC DUST CONTROL****TECHNICAL DATA****Product Applications:**

Wherever the presence of dust is detrimental, BioSol-*DCC* is ready to go:

- \* Road construction sites, military bases
- \* Gravel roads, storage facilities, intermodal yards
- \* Driveways, parking lots, airfields, helipads
- \* Tailings, disposal sites, plants, mills, haul roads
- \* Gravel quarries, berms, logging & lease roads
- \* Dust elimination during construction activities
- \* Sealing storage piles: coal, sulphur, lime
- \* Resort communities, pond slopes, golf courses
- \* Park pathways, limestone quarries, landfills
- \* Crop farming, open area wind erosion protection

**Directions for Use:**

BioSol-*DCC* is completely safe to use, will not harm the environment & is non-corrosive to skin, metal & machinery. In fact, given the nature of the product, it will lubricate & prevent corrosion on exposed metals. Review the material safety data sheet for more information. The typical application rate is 1.6 liters per square meter at a dilution rate of 10-parts water. Apply evenly. Ground should be sufficiently wet but avoid pooling. For best results, use a Dema-type of chemical injector valve to regulate the mix ratio. This eliminates the need for pre-mixing & ensures even distribution. Alternatively, pre-mix and distribute by water truck mounted with a spray bar. For smaller areas, the mixture can be applied manually using a pressurized canister or similar apparatus. Following application, the oil/water emulsion will break very quickly and the water will dissipate, leaving only the product itself to adhere to the aggregate. Contact your *BioSol* dealer for further assistance

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