

Product Evaluation

RE: Review of DUST/BLOKR- Sugar Blend

PRODUCT

DUST/BLOKR- Sugar Blend is a dust abatement product manufactured and distributed by Cypher Environmental, Winnipeg. Website: <https://cypherenvironmental.com/products/dust-blokr/>

VENDOR CLAIMS AND INFORMATION

CLAIMS

DUST/BLOKR is specifically designed as a non-corrosive and environmentally friendly alternative to road salts, such as magnesium chloride and calcium chloride, offering superior road dust control results. DUST/BLOKR is very cost-competitive with road salts, while being able to eliminate unwanted fugitive dust very effectively from unpaved roads of any soil type.

DESCRIPTION

DUST/BLOKR – Sugar Blend contains three main constituents: sugars, starches, and minerals. It is a seasonal dust control solutions designed to reduce the frequency of treatments compared to traditional dust suppressants. It is applied using standard road construction equipment and can be applied topically or mixed into the top 2-3" (50-75 mm) layer of the road surface. It is diluted in water and applied to the road using a water truck with a spray bar.

POTENTIAL USAGE

DUST/BLOKR is suitable for any unpaved roads or surfaces requiring dust suppression and erosion control. It is effective on municipal roads, secondary roads, county roads, mine haul roads, access roads, runways, helipads, parking lots, driveways and a wide range of other applications that require dust suppression or temporary stabilization such as tailings piles, stockpiles, erosion control and open haulage situations.

STANDARDS / TESTS

Toxicity Test Report on Rainbow Trout
Boing Conformity Tests for Corrosion, Cracking, Softening and Embrittlement

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICATION STANDARDS:

The Alberta Transportation Specification 53.31, Supply and Apply Calcium Chloride Dust Abatement. Alberta Transportation has no specification for other types of Dust Abatement methods currently.

RECOMMENDATIONS

DUST/BLOKR be listed as a Proven Product under Alberta Transportation Products List, Dust Abatement – Proprietary – Proprietary, based on the information provided.

RESTRICTIONS ON USE

Caveat: This product should not be applied within 100m of any surface waters including rivers, creeks, or other water bodies.

TRIAL PROJECTS

County of Forty Mile No. 8

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