

Product Evaluation

RE: Review of Nova DCP-SC Dust Control

PRODUCT

Nova DCP-SC Dust Control is a dust abatement product manufactured and distributed in Alberta by Novamen Inc. located in Red Deer, Alberta. Website: www.novamen.ca

VENDOR CLAIMS AND INFORMATION

CLAIMS

DCP-SC (Super Concentrate) combines binding and wetting agents with humectants to efficiently control dust. The binding agent has natural adhesive properties when kept moist. When applied to gravel roads, the solution coats individual particles with a thin adhesive-like film that binds them together, while the humectants absorb water molecules from the air. It also acts as a dispersant, allowing the particles to pack tightly together for a stronger surface. The product has no negative impacts on the environment and human health and contains no ingredients that are considered hazardous.

DESCRIPTION

Nova DCP-SC Dust Control Product - Super Concentrate is a viscous liquid with the appearance of dark amber. It is soluble in water and has mild organic odour. Its freezing point is between -15°C to -20°C. Its recommended dilution rate is 2-3 parts of water with 1 part of Nova DCP-SC. Its application rate is 1.0 to 2 Liters per square meter of field strength. It is recommended to grade and pre-wet with water, prior to applying the Nova DCP-SC dilution, then pack with a roller packer after application. Nova DCP-SC should never be applied in their concentrated forms.

POTENTIAL USAGE

DCP-SC is an economical dust control product for a variety of uses such as heavy traffic mining roads, parking lots, and road shoulders, where pavement is too costly and dust conditions become intolerable.

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE STANDARDS

The Alberta Transportation Specification 53.31, Supply and Apply Dust Abatement.

RECOMMENDATIONS

Nova DCP-SC Dust Control be listed as a Potential Product under Alberta Transportation Products List, Dust Abatement – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

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