

Product Evaluation

RE: Review of Calcium W 1.32 Winter Sand/Ice Control

PRODUCT

Calcium W 1.32 Winter Sand/Ice Control is manufactured by Ward Chemical located in Edmonton, Alberta and distributed by Kortech Calcium Services Ltd located in Edmonton, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Calcium Chloride is a chemical composition which has been found to have numerous applications and uses such as road de-icing, dust control and base stabilization. Calcium Chloride is non-toxic and does not require any placarding during transportation. Product web link: http://www.kortech.ca/kortech_solutions.htm

DESCRIPTION

Calcium Chloride can be found in nature in small amounts such as in sea water and many mineral springs. Ward Chemical has a large natural source of CaCl₂ which has provided a constant supply since 1985.

POTENTIAL USAGE

Calcium Chloride W 1.32 is used to treat sand piles and to help with de-icing of roadways. Calcium chloride is easily applied following the Kortech Calcium chloride application Protocol.

STANDARDS

None submitted

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation has used Calcium Chloride for sand pile treatment and de-icing.

APPLICATION STANDARDS

The Alberta Transportation Specifications for ice control are:

- Specification 52.5, Sodium Chloride Treated Sand
- Specification 52.6, Calcium Chloride Treated Sand
- Specification 52.8, Supply of Sodium Chloride (Salt)

RECOMMENDATIONS

Calcium Chloride W 1.32 be listed as a Potential Product on Alberta Transportation Products List under Deicing Chemicals, Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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