

Product Evaluation

RE: Review of Tiger Salt Deicing Material

PRODUCT

Tiger Salt deicing Material is manufactured and distributed by Tiger Calcium Services Inc. located in Nisku, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

Tiger Salt Deicing Material is used to prevent ice build-up and the bonding of snow to pavement surface. Tiger Salt will not harm good quality, air-entrained concrete. Tiger Salt is cost effective, easy to spread and melts down to -25°C . Product web site: <http://www.tigercalcium.com/>

DESCRIPTION

Tiger Salt Deicing Material is a by-product of calcium chloride and its active ingredients are 96.5% sodium Chloride, 0.85% calcium chloride, 0.1% magnesium chloride, 2.5% moisture and 0.05% iron.

POTENTIAL USAGE

Tiger Salt Deicing Material is spread evenly over snow or icy surfaces at a rate of $\frac{1}{4}$ to $\frac{1}{2}$ cup per square yard (50 to 100g per m^2). When Tiger Salt is used as directed it will not harm grass, shrubs, concrete or wild life. Tiger Salt melts down to -25°C .

STANDARDS

CGSB 15.9-92

ALBERTA TRANSPORTATION COMMENTS

EXPIERENCE

Alberta Transportation has used anti-icing liquids for stockpile treatment.

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

Tiger Salt be listed as a Trial 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.

“Consideration to the proximity of Bridge Structures when applying this product”

TRIAL PROJECTS

Highways 216, 16 & 14 – Contact Rick Kowalik, MCI

Joe Filice

cc New Product Evaluation Committee – Roger Skirrow
Steve Otto
James Poole
Dave Besuyen