

## Product Evaluation

### RE: Review of Salt Blend – Calcium Enhanced

#### **PRODUCT**

Salt Blend – Calcium Enhanced is manufactured and distributed by Tiger Calcium Services Inc. located in Nisku, Alberta.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

Salt Blend – Calcium Enhanced is used to prevent ice build-up and the bonding of snow to pavement surface. Salt Blend – Calcium Enhanced is a high performance deicer with both calcium chloride and sodium chloride. Salt Blend – Calcium Enhanced is easy to spread and melts down to  $-45^{\circ}\text{C}$ . This product is currently under review by British Columbia Ministry of Transportation. Product web site: <http://www.tigercalcium.com/>

##### **DESCRIPTION**

Salt Blend – Calcium Enhanced is a homogeneous blend of calcium chloride and sodium chloride. Salt Blend – Calcium Enhanced active ingredients are 87.2% sodium chloride, 9.5% calcium chloride, 2%, moisture, 1% other chlorides(Mg, KCl) and 0.05% iron.

##### **POTENTIAL USAGE**

Salt Blend – Calcium Enhanced 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  $\text{m}^2$ ). When Anticorrosion Super Salt is used as directed it will not harm grass, shrubs, concrete or wild life. Tiger Salt melts down to  $-45^{\circ}\text{C}$ .

##### **STANDARDS**

None submitted

#### **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**

Salt Blend – Calcium Enhanced 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: 216:04, 216:06, 2:32, portions of hwy 16 east and west of Edmonton, Sherwood Park Freeway  
Joe Filice

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