

## **Product Evaluation**

### **RE: Review of Brooks 35**

#### **PRODUCT INFORMATION**

Product Name: Brooks 35 Manufacturer: NSC Minerals LTD, Saskatoon  
Website: <https://nscminerals.ca/Calcium-Chloride> Supplier: NSC Minerals LTD, Saskatoon, SK

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

##### **CLAIMS**

Brooks 35 is derived from a natural, multi-chloride liquid brine formed under temperature and pressure 6,000 feet below the southern Alberta prairies providing unique synergies. It is pumped to the surface where it is put through an evaporation process to increase its strength. From there it is stored and loaded into tanker trucks.

##### **DESCRIPTION**

Brooks 35 is derived from natural Brooks 32 multi-chloride brine, which is listed as a Proven Product on Transportation and Economic Corridors de-icing chemicals and dust abatement product lists. To produce Brooks 35, Brooks 32 is run through an evaporation process. This evaporation process increases the concentration of active chlorides, namely magnesium and calcium chloride, resulting in a higher strength product that increases its performance.

##### **POTENTIAL USAGE**

Brooks 35 is intended to be used for dust abatement, winter de-icing & anti-icing, and pre-treating sand for de-icing.

##### **STANDARDS and TESTS**

Laboratory test report for different chemicals

#### **ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS**

##### **EXPERIENCE**

Transportation and Economic Corridors has no experience with this product.

##### **APPLICABLE STANDARDS**

Specification 52.6 Calcium Chloride Treated Sand.  
Specification 53.31 Supply and Apply Dust Abatement.

##### **RECOMMENDATIONS**

Brooks 35 be listed as a Trial Product under Transportation and Economic Corridors Products List, Dust Abatement – Proprietary and be listed as a Potential Product under De-icing Chemicals – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

##### **RESTRICTIONS ON USE**

Caveat:

#### **TRIAL PROJECTS**

MD of Ranchland used this product for Dust Abatement purpose  
City of Winnipeg used this product for Dust Abatement purpose

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