

Product Evaluation

RE: Review of SnowSlicer

PRODUCT

SnowSlicer is a pre-wet ice melting product manufactured and distributed in Alberta by NSC Minerals Ltd. located in Saskatoon. Website: www.nscminerals.com

VENDOR CLAIMS AND INFORMATION

CLAIMS

SnowSlicer is pre-wet ice melting product that contains a blend of naturally occurring crystal and liquid ice melt products plus a unique, purple coloring that makes it highly visible. The combination of a high-performance liquid deicer and a blend of fine and coarse crystal ice melters using NSC Minerals “pre-wetting” technology results in a unique product that melts faster, lasts longer and performs better. It flows even in sub-freezing conditions, and it is effective to -29°C

DESCRIPTION

SnowSlicer is made up of NSC salt crystals treated with liquid made from a chloride solution and a highly refined food grade carbohydrate. Its vivid purple color, obtained from water soluble non-staining purple tint, makes easy to see where the product has been applied. The synergistic effect of all three ingredients lets SnowSlicer melt snow and ice faster than straight salt and reduces bounce and scatter. The product is odorless and maintains residual after the snow event.

POTENTIAL USAGE

For deicing paved surfaces

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE 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

SnowSlicer be listed as a Proven Product under Alberta Transportation Products List, De-icing Chemicals – Proprietary, based on the information provided.

RESTRICTIONS ON USE

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

TRIAL PROJECTS

Highway 32:08 & 10, 2021 –

Rishi Adhikari

cc New Products Evaluation Group – Kristen Tappenden,
Abbas Syed, Kimberley Edmonds, Wayne Mah