Leaders in Organics

ECO BRINE™ (Pure Sodium Chloride)

Description

The most cost effective Deicing and liquid solutions can be made from sodium chloride (NACl) and water (H2O to form a salt brine. The eutectic composition of sodium chloride & water is 23.3% NACl and 76.7% H20) by weight, which freezes at about -21ºC (-6ºF). De-icing vs. Anti-Icing: De-icing operations are performed to break the bond of snow and ice which has already bonded to the road surface, whereas anti-icing operations are carried out to prevent the formation or development of bonded snow and ice for easier removal. When we speak about de-icing versus anti-icing we are making a distinction between being reactive (de-icing) and pro-active (anti-icing).

Application:

- When Anti-icing with Eco Brine apply @ 60 to 80 litres per lane.
- When Deicing with Eco Brine apply @ 80 to 100 litres per lane kilometer.
- When pre wetting with Eco Brine apply @ 30%.
- Adjust the amounts as needed to meet local conditions.
- Apply using a stream or fan spray.

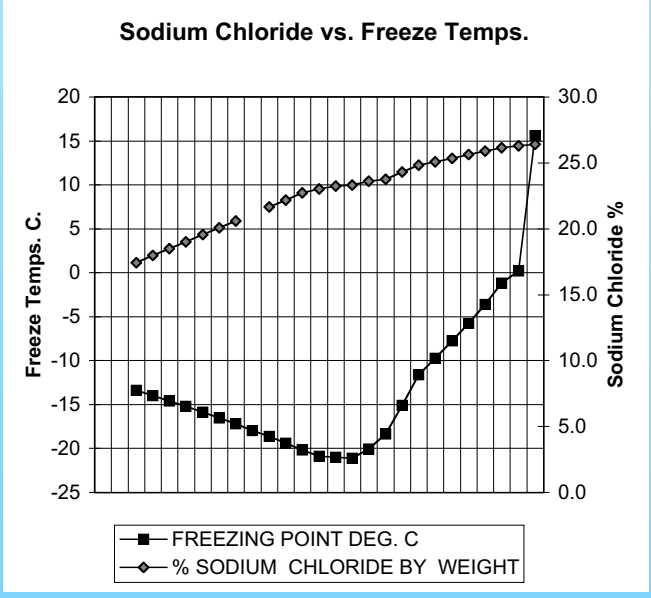
Eco Brine should not be applied if the air temperature and pavement temperatures are:
Below -5 C at the time of application forecasted to be below -8 C before the next winter event.

Handling and Storage: Eco Brine is stable during storage ... summer or winter. For the best results you should recycle your storage tanks every two weeks and when ever the temperature reaches -20ºC to ensure non freezing of the material.

Packaging and Shipping: Available in tote and bulk form.

Chemical Analyzes

Total NaC1:	**22.7 to 23.6**
Impurities:	**0.02 - 0.005**
Water:	**36.98 - 36.995**
ph:	**6.5 - 7.0**
Colour:	**Clear Liquid**



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