

BEET HEET[®]

TECHNICAL DATA SHEET

DESCRIPTION

BEET HEET[®] Concentrate (BHC) is an organic based, corrosion inhibited, liquid deicer. BHC is a ready-to-use salt stockpile treatment. BHC can also be cut 50/50 with low cost 23.3% Sodium Chloride (NaCl) brine to create BEET HEET[®] Severe (BHS) a low cost, high performance, salt pre-wetting agent or direct application deicer/anti-icer.

COMPOSITION

- Beet Molasses (Liquid Sugar)
- Calcium Chloride (Liquid CaCl₂) (Exothermic Chloride)
- Magnesium Chloride (Liquid MgCl₂) (Exothermic Chloride)
- Potassium Chloride (Liquid KCl) (Non-exothermic Chloride)
- Sodium Chloride (Liquid NaCl) (Non-exothermic Chloride)

PERFORMANCE

- BHC, contains more total active ingredient than any deicer in North America.
- BHC and BHS have greater ice melt capacities than 32% CaCl₂, 28% MgCl₂, and “beet juice” deicers, at all temperature ranges.
- BHC and BHS provide far superior anti-bonding and residual effects than 32% CaCl₂, 28% MgCl₂, and 23.3% NaCl deicers.

ENVIRONMENT

- BHC and BHS have passed the rigorous testing standards of the Pacific Northwest Snowfighters and are **listed on the Clear Roads Qualified Products List**.
- BHC is **99% biodegradable**, and achieves the “**readily biodegradable**” criteria by day 8.
- BHC when blended with 23.3% NaCl brine 50/50 has a BOD (**Biochemical Oxygen Demand**) of “ND” (**NOT DETECTABLE**) at 4°C (39.2°F).
- Due to superior ice melting and residual performance, no other salt pre-wetting agent in North America can **reduce chloride emissions** as much as BHC and BHS.

TYPICAL PROPERTIES

Appearance	Dark Brown Liquid
pH	6.0 – 8.0
Specific Gravity	1.29 +/- .015
Lbs. Per Gallon	10.75 +/- 0.15
Solids Content	(39% wt/wt) (51% wt/vol) +/- 2%
Odor	Chocolate/Syrup/Coffee.