

BEET HEET[®]

TECHNICAL DATA SHEET

DESCRIPTION

BH (BEET HEET[®] Concentrate) is an organic based, corrosion inhibited, liquid deicer containing a highly refined carbohydrate concentrate, two exothermic chlorides and two non-exothermic chlorides. BH is a ready-to-use salt pre-wetting agent, and can also be blended with low cost 23.3% NaCl brine to create a lower cost, high performance, salt pre-wetting agent or direct application deicer/anti-icer.

ENVIRONMENT

BH and BEET HEET[®] Severe have passed the rigorous testing standards of the Pacific Northwest Snowfighters and are listed on the **PNS Qualified Products List**. BH is **99% biodegradable**, and achieves the “**readily biodegradable**” criteria by day 8. In 2011 the USEPA screened the ingredients in BH and BEET HEET[®] Severe and authorized both products to carry the **USEPA Designed for the Environment label**. Use of the DfE label was terminated by the USEPA in 2015. No other salt pre-wetting agent in North America can **reduce chloride emissions** as much as BH and BEET HEET[®] Severe.

PERFORMANCE

BH and BEET HEET[®] Severe have greater ice melting capacities than 32% CaCl₂, 28% MgCl₂, and “beet juice” deicers, at all temperature ranges. BH and BEET HEET[®] Severe provide far superior anti-bonding and residual effects than 32% CaCl₂, 28% MgCl₂, and 23.3% NaCl deicers.

COMPOSITION

Highly refined carbohydrate, CaCl₂, KCl and NaCl. >51% solids. <32% chloride content. >15.1% total carbohydrate content. BH contains **375% more exothermic chlorides, 400% to 1062% more carbohydrates, and 20% less water** than a typical 10/15/75 “super-mix” anti-icer/deicer. BH contains **36% to 93% more active ingredients** than a typical 55% solids “beet juice” deicer.

TYPICAL PROPERTIES

Appearance	Dark Brown Liquid
pH	6.0 – 8.0
Specific Gravity	1.28 – 1.30
Water Miscibility	Complete
Lbs. Per Gallon	10.65 – 10.85
Odor	Chocolate/Syrup/Coffee

* Advanced Laboratories, Inc. Salt Lake City, Utah