# ANDEMAR
## DUST & ICE CONTROL LTD.
www.andemardustandice.com

## TECHNICAL DATA

# Ice-Axe S

## Product Line Summary

- **ORGANIC BASED PERFORMANCE ENHANCER (OBPE)**
- **No Foaming**
- **Odour inhibiting, No Unpleasant brown residue**
- **Lower Freeze point**

## PRODUCT CHARACTERISTICS

Ice-Axe is an organic based additive that is used for pretreating rock salt in storage. This liquid product when added by volume will prevent any leaching of the material from the salt. Ice-Axe will increase the melting capacity of the treated salt up to -29C.

Ice-Axe will also reduce the corrosion of the entire rock salt pile by a minimum of 50/60% versus untreated rock salt. The product does not foam and will not leave any smelly residue that is difficult to clean. **Ice-Axe is 100% bio-degradeable and environmentally friendly.**

## TYPICAL ANALYSIS
### Physical Properties

| Appearance | Blue or Green, odorless solution | |
|---|---|---|
| Odor | None | |
| Bulk Density, gm/litre | 1245 | |
| lb/US gal | 10.46 | |

| Chemical Properties | Limit | Typical |
|---|---|---|
| Proprietary formulation, % | 30.0 – 32.0 | 31.0 |
| Magnesium and alkali salts (as NaCl), % | 5.0 Max. | 2.5 |
| Arsenic (as As), ppm | 3 Max | <0.1 |
| Iron (as Fe), ppm | 5 Max. | <1.0 |
| Heavy Metals (as Pb), ppm | 20 Max | <2 |
| Fluoride (as F), ppm | 40 Max | <2 |
| Lead, (as Pb), ppm | 5 Max | <0.1 |
| Alkalinity (as Ca(OH)$_2$), % | 0.2 Max | 0.03 |

## APPLICATIONS

Ice-Axe can be added directly to salt piles sprayed or mixed. Recomended mix ratio is ~ 21-25L per tonn (5-6 gallons/ton).

## AVAILABILITY

Ice-Axe is available directly from Andemar in tank truck shipments or convenient 1000L and 1300L totes

## PRODUCT SAFETY INFORMATION

As with any chemical, Ice-Axe requires care in handling. Anyone responsible for the procurement, use or disposal of this product should familiarize himself and those handling it with the appropriate safety and handling precautions. This information is available in Material Safety Data Sheets, which may be obtained from our Customer Service sales group.

In the event of an emergency with this product, call our 24-hour emergency number: (519) 982-4758.

ECO FRIENDLY

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