



APPROVED

XO-Melt₂[®]



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Salt Pre-wet/Anti-Icer/Deicer

BENEFITS

- Cost-effective! Starting at just \$0.81 per gallon delivered!
- Cost-effective! Better performance is the key to reducing costs!
- Contains two powerful **ex**othermic chlorides!
- Contains a 100% biodegradable corrosion inhibitor!
- Ready-to-use upon delivery!
- No time, rock salt, expensive brine maker or manpower invested to manufacture!
- Can be used as:
 - Direct application anti-icer/deicer
 - Salt pre-wetting/top-dressing agent
 - Sand/grit enhancer giving your grit real ice melting capacity

PERFORMANCE vs. 23.3% NaCl brine

- 186.2% lower eutectic freeze point!
- 76% less corrosive!
- More cost effective when considering:
 - The real costs of manufacturing 23.3% NaCl brine.
 - The real ice melting performance of each product.

Because XO-Melt₂[®] contains **exothermic chlorides, it:**

- Melts substantially more ice and snow in the same amount of time
- Starts melting ice and snow substantially faster!
- Effective ice melter at much lower temperatures, as low as 5°F!
- Substantially longer residual value!
- Substantially better anti-bonding effect!

PERFORMANCE vs. Ohio recycled well brine product

- 25.2% more **ex**othermic chloride!
- 10.6% lower eutectic freeze point!
- 13.2% Less corrosive!
- Much more cost effective – It would require 25.2% more Ohio recycled well brine product to equal XO-Melt₂'s **ex**othermic chloride content!
- Melts more ice and snow in the same amount of time!
- Starts melting ice and snow faster!
- Melts ice and snow at lower temperatures!



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COMPOSITION

XO-Melt₂[®] is a unique blend of two **exothermic** chlorides and two non-exothermic chlorides. The **exothermic** chlorides are calcium chloride (CaCl₂) and magnesium chloride (MgCl₂). The non-exothermic chlorides are sodium chloride (NaCl) and potassium chloride (KCl).

Calcium chloride and **magnesium chloride** are powerful ice melters. They contain two chloride ions, not just one, and in their dry state, both are hygroscopic and **exothermic**, meaning they attract moisture and create heat when they come in contact with moisture. These characteristics significantly speed up the ice melting action of **XO-Melt₂[®]** by creating an ice melting brine much quicker than non-exothermic, non-hygroscopic chlorides. **XO-Melt₂[®]** is not a dry deicer, until it's applied to a road surface or salt stockpile and the water evaporates, leaving a dry hygroscopic and **exothermic** residue.

Sodium chloride and **potassium chloride** are effective ice melters that act as friction enhancers, giving **XO-Melt₂[®]** a much improved friction value over stand alone calcium and magnesium chloride deicers.

XO-Melt₂[®] also contains an organic corrosion inhibitor which is 100% biodegradable.

TYPICAL PROPERTIES

Appearance	Dark Green
Specific Gravity	1.220 – 1.230
Pounds Per Gallon	10.20 – 10.26
pH (1 + 4)	6.5 – 7.5
Water Miscibility	Complete
Odor	Neutral chloride odor

APPLICATION RATES

The suggested application rates should be considered as starting points and should be adjusted according to desired performance levels and anticipated weather conditions.

ANTI-ICING

- Apply when surface temperatures are expected to fall below 32°F
- Apply at 15 to 25 gallons per lane mile depending on the incoming weather event



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DE-ICING

- Apply directly to ice and hard pack
- Apply at 35 to 45 gallons per lane mile depending on depth of ice or hard pack

PRE-WETTING SALT

- Suitable for top dressing/showering loads, or apply at auger or spinner
- Apply @ 7-10 gallons per ton

SAND/GRIT TREATMENT

- Apply to stock pile and turn for best results.
- Apply @ 7-8 gallons per ton

NOTE: XO-Melt₂ is compatible with BEET HEET[®] technology!

The combination of XO-Melt₂[®] and BEET HEET[®] Concentrate brings together two of the most potent deicers in North America. Blending these two deicers together will give your agency unparalleled ice melting performance! 23.3% NaCl isn't popular because of its stunning ice melting performance. It's popular because users believe it's cheap. Transitioning to XO-Melt₂[®], or XO-Melt₂[®] with BEET HEET[®] technology, will give you a whole new perspective on what saving money requires. Saving money requires products that really work. Transitioning to XO-Melt₂[®] from 23.3% NaCl brine will give you substantially better results. Adding BEET HEET[®] technology to XO-Melt₂[®], now we're talking stunning performance!



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