

## PRODUCT COMPARISON MATRIX

		Availability:							Effects:						
Product Name and Composition	Product Description	Bulk	20kg Bag	22.6kg Bag	25kg Bag	40kg Bag	Supply & Spread	Bulk Sack	Benefits	Effective To:	Corrosion	Environment	Vegetation	Skin Irritation	Residue
<b>Salt (Sodium Chloride – NaCl)</b>	Sodium Chloride, also known as rock salt, is the least expensive and most commonly used de-icing product.	✓	✓			✓	✓	✓	<ul style="list-style-type: none"> <li>• Least expensive de-icer</li> <li>• Readily available</li> <li>• Easy to spread</li> <li>• Relatively harmless to skin and clothing</li> </ul>	-9 °C to -12 °C	Moderate	Moderate	Moderate	In high concentrations	Yes
<b>Clearlane® Enhanced De-icer</b>	Salt that is treated with a liquid composed of Magnesium & agricultural by-products.	✓					✓	✓	<ul style="list-style-type: none"> <li>• Less harmful than Sodium Chloride</li> <li>• Cost effective</li> <li>• Less product required</li> <li>• Reacts faster than untreated salt</li> <li>• Less corrosive</li> </ul>	-22 °C	Low	Low	Low	Moderate	Yes
<b>Landscaper's Choice® Ice Melter with Calcium Magnesium Acetate (CMA)</b>	A biodegradable ice melter combined with Calcium Magnesium Acetate (CMA); performs as well as the chlorides.			✓				✓	<ul style="list-style-type: none"> <li>• Less harmful than Sodium Chloride</li> <li>• Biodegradable "Green Melt" allows cost effective dispersion</li> <li>• Quick action</li> <li>• Harmless to skin</li> </ul>	-22 °C	Low	Low	Low	Moderate	None
<b>Winter Sand &amp; Salt Mix</b>	A 75%/25% mix of sand and salt used for traction on thick, icy surfaces or snow-covered roadways. Small amounts of salt are mixed with sand to keep it from freezing.	✓					✓		<ul style="list-style-type: none"> <li>• Very cost effective</li> <li>• Readily available</li> <li>• Improves traction</li> <li>• Reduced corrosive properties</li> </ul>	Down to -10 °C	Low	Low	Low	Low	Low
<b>Calcium Chloride Flakes</b>	Calcium Chloride with 16-20% water hydration.		✓						<ul style="list-style-type: none"> <li>• Less harmful than Sodium Chloride</li> <li>• Reduced corrosive properties</li> <li>• Quick action</li> <li>• Leaves no residue</li> </ul>	Down to -25 °C	Low-Moderate	Low	Low	Moderate	No
<b>Urea – Pellets</b>	Traditionally used as a fertilizer, urea is also a relatively good de-icer and is widely used because of its non-corrosive properties.				✓				<ul style="list-style-type: none"> <li>• Environmentally safe</li> <li>• Non-corrosive</li> <li>• Doubles as fertilizer</li> </ul>	-4 °C to -10 °C	None	None	Excessive use can cause vegetation burn	None	Moderate
<b>Magnesium Chloride Flakes</b>	Large, flat, clear to off-white flakes containing over 51% water.			✓					<ul style="list-style-type: none"> <li>• Less harmful than Sodium Chloride</li> <li>• Reduced corrosive properties</li> <li>• Quick action</li> </ul>	-15 °C to -30 °C	Low-Moderate	Low	Correct use will not harm vegetation	Moderate	Yes

**Note:** Information on this site is for general product knowledge only and results may vary under usage conditions. Temperatures used are approximate and may vary due to spread rates & ground temperatures.

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