NAAC®
Solid Runway Deicer
AMS 1431 Certified

BENEFITS
• Works longer, requiring fewer applications
• Applies easily with the same equipment as other solid deicers
• Tracks less due to pure materials in manufacturing
• Contains 97% active ingredients for high performance
• Manufactured as a spherical pellet to be less dusty than granular deicers
• Complimentary customer training upon request

PERFORMANCE
• Excellent melting properties
• Exothermic, giving off heat as it dissolves
• Works faster than urea, sodium chloride, and trihydrate sodium acetate
• Requires less material than common deicers to achieve similar effectiveness
• Active to low temperatures: 0°F (-18°C)

ENVIRONMENT
• Lower BOD than urea
• Biodegrades quickly at low temperatures
• Low toxicity to fish and mammals
• Less persistent in the environment than sodium formate and urea

APPLICATION
• Deicing - apply in uniform patterns:
  Near 32°F (0°C) on thin ice = 5-7 lbs/1000 ft² (25-35 g/m²)
  Less than 10°F (-12°C) on 1” (2.5cm) ice = 10-25 lbs/1000 ft² (50-75 g/m²)
• Re-apply when new accumulation shows first tendency to bond
• Plow once bond is broken
• Prewetting - airports may apply Potassium Acetate to NAAC at spreader at a rate of 10% by weight

HANDLING
• Store in original container
• Avoid excess moisture which may cause caking
• Excessive handling may cause dustiness

See Reverse Side For Product Specifications
Test Data Available Upon Request
**PRODUCT SPECIFICATIONS - MELTSNOW NAAC®**

<table>
<thead>
<tr>
<th>COMPOSITION</th>
<th>Sodium Acetate (NaAc) 97% minimum by weight, anhydrous sodium acetate with less than 1% corrosion inhibitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>White to gray spherical pellet</td>
</tr>
<tr>
<td>BULK DENSITY</td>
<td>50 lbs/ft³ to 54 lbs/ft³ (0.8 g/m³ to 0.86 g/m³)</td>
</tr>
<tr>
<td>PARTICLE SIZE</td>
<td>Sieve</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>14</td>
</tr>
<tr>
<td>TYPICAL pH</td>
<td>8 to 10.5 in a 15% solution</td>
</tr>
<tr>
<td>PACKAGING</td>
<td>55 lbs (25 kg) poly bags - (40 minimum) 2205 lbs (1000 kg) Super Sacks - (1 minimum) Bulk - (20 metric ton minimum)</td>
</tr>
</tbody>
</table>

**Biodegradation at 2°C (35.6°F)**
Northwest Aquatics, 2003

<table>
<thead>
<tr>
<th></th>
<th>Percent Degraded in 20 days</th>
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<tbody>
<tr>
<td>CRYOTECH NAAC</td>
<td>70%</td>
</tr>
<tr>
<td>SODIUM FORMATE</td>
<td>20%</td>
</tr>
<tr>
<td>UREA</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Ice Melting Test**
SHRP H-205.1
Michigan Technological University, 1998

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Ice Melted mL/g</th>
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</thead>
<tbody>
<tr>
<td>25°F (-4°C)</td>
<td>Cryotech NAAC 5</td>
</tr>
<tr>
<td>15°F (-9°C)</td>
<td>NaAc Trihydrate 3</td>
</tr>
<tr>
<td>5°F (-15°C)</td>
<td>Urea 2</td>
</tr>
</tbody>
</table>

**MeltSnow.com**

TO ORDER OR FOR PRODUCT INFORMATION CONTACT:
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