CRYOTECH QS50®

Solid Deicer
AMS 1431 Certified

Why QS50?

Cryotech QS50 is the optimal blend of sodium acetate and sodium formate for solid performance. This ideal blend quickly activates, with strong hold over times, storage stability and low tracking.

BENEFITS

- Works longer, requiring fewer applications with better storage stability than sodium formate
- Applies easily with same equipment as other solid deicers
- Complimentary customer training upon request

PERFORMANCE

- Low tracking
- Starts quickly to melt ice efficiently, especially in dry climate areas
- Extended hold over time on pavement surface compared to other blends
- Active to low temperatures 0°F (-18°C)

ENVIRONMENT

- Biodegrades at low temperatures
- Low toxicity to fish and mammals
- Low BOD/COD

APPLICATION

- Deicing - apply in uniform patterns:
    - On thin ice, near freezing, typically start at 5-7 lbs/1000 ft² (25-35 g/m²).
    - At very cold temperatures, (<10°F, -12°C) or on thick bonded ice, it may be necessary to increase the rate as high as 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 and pavement users may apply Cryotech E36® and CF7®, respectively, to QS50 at spreader outlet at a rate of 10% by weight

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QS50®

PRODUCT SPECIFICATIONS

COMPOSITION	APPEARANCE	BULK DENSITY
50% Anhydrous Sodium Acetate 50% Sodium Formate	Combination of granular NaFormate and spherical NAAC with a light coating of environmentally preferred blue colorant.	51 to 55 lb/ft³ (0.8 to 0.9 g/cm³)
TYPICAL pH	**PACKAGING**	**HANDLING**
11 to 11.9 in a 15% aqueous solution	• 55 lbs (25 kg) poly bags - 40 bag minimum • 2205 lbs (1000 kg) Super Sacks - 1 super sack minimum • Bulk - 20 metric ton minimum	• Store in original container • Avoid excess moisture which may cause caking • Preserve integrity by not overhandling • Apply with the same equipment as common solid deicers