

CRYOTECH NAAC[®]

Solid Commercial & Runway Deicer • Anhydrous Sodium Acetate

PACKAGING FORMAT

55 lb (25 kg) Bags

ACTIVE CHEMISTRY

97% Anhydrous NaAc

CORROSION STANDARD

Inhibited / Non-Chloride

ECOLOGY PROFILE

Readily Biodegradable

TOXICITY (ORAL LD50)

> 5.0 g/kg (Lowest Toxicity)

PRODUCT OVERVIEW

Cryotech NAAC[®] is a premier solid commercial and airfield deicer formulated with 97% anhydrous sodium acetate and patented corrosion inhibitors. Engineered specifically to meet stringent airport safety, concrete durability, and structural preservation standards, NAAC provides fast-acting ice penetration, long residual action, and dependable anti-icing performance without the corrosive drawbacks of chloride salts.

Runway & Critical Asset Grade: Engineered to eliminate chloride-induced corrosion on sensitive aircraft alloys, airfield lighting, rebar, and structural bridge steel.

KEY PERFORMANCE ADVANTAGES

- **Rapid Exothermic Penetration:** Anhydrous formulation gives off heat as it dissolves, breaking the bond between ice/snow and pavement faster and at lower working temperatures.
- **Non-Corrosive with Added Inhibitors:** Formulated with specialized corrosion inhibitors (< 1%) to protect structural steel, rebar, aluminum components, and runway fixtures.
- **Concrete & Surface Longevity:** Non-chloride chemistry prevents chemical scaling, freeze-thaw spalling, and joint deterioration on high-spec concrete surfaces.
- **High Environmental Safety:** Readily biodegradable with exceptionally low aquatic and mammalian toxicity (LD50 > 5,000 mg/kg), minimizing environmental impact.
- **Optimized Spherical Pellets:** Uniform pellet geometry prevents wind drift during spread application, ensuring consistent coverage and reduced bounce on airfields and roads.

RECOMMENDED APPLICATIONS

- Airport Runways, Taxiways & Aprons
- Critical Bridges & Overpasses
- Commercial Office Plazas & Walkways
- Multi-Level Parking Structures
- Transit Platforms & Rail Stations
- Industrial Complexes & Ports

Cryotech NAAC 55 lb Bag

55 lb (25 kg) Poly Bag

Durable heavy-duty commercial poly packaging

TECHNICAL SPECIFICATIONS

Composition	97% Sodium Acetate
Additives	< 1% Corrosion Inhibitors
CAS Number	127-09-3
Appearance	White to gray spherical pellet
Odor	Odorless / slight vinegar
pH (15% aq.)	8.0 – 10.5
Melting Point	324°C (615°F)
Relative Density	1.5
HMIS Rating	H: 1 F: 0 PH: 0
DOT / IATA	Non-Regulated

HANDLING & STORAGE

Store in tightly sealed original packaging in a cool, dry area away from direct heat and strong oxidizers. Do not store in systems with wetted galvanized steel, zinc, or brass components.