



TECHNICAL DATA SHEET

PRODUCT IDENTIFICATION

Product Name **WINTER WARRIOR RUNWAY CONTROL® ICEMELTER**
Product Use De-Icer / Anti-Icer

PRODUCT DESCRIPTION

Winter Warrior Runway Control® Icemelter is a specially formulated eco-friendly, biodegradable, non-corrosive deicer, for use in highly sensitive areas, such as airports or some delicate commercial institutions. It is completely chloride and urea free.

PERFORMANCE

Powerful: Effective down to -21°C (-6°F)

Federally Approved for Use on Airport Runways, Taxiways & Aprons: Winter Warrior Runway Control® Icemelter meets all FAA and Transport Canada approved specifications, (SAE AMS 1431B) that covers all solid runway and taxiway deicing / anti-icing compounds. Copy of our certification available from sales@xynyth.com.

Non-Corrosive: Winter Warrior Runway Control® Icemelter is chloride free and completely non-corrosive. For this reason, it is a great product to be used around, not only runways and taxiways, but any areas containing steel or metal, including concrete parking structures, roads or bridge decks. Most airports are concerned about the affects of their ice melter on the steel embedded in the concrete and the surfaces of vehicles used upon those concrete areas.

Safe on the Environment: Winter Warrior Runway Control® Icemelter is readily biodegradable at low temperatures and safe on the environment. It has a neutral pH balance of 7.5–8.5. When compared to other icemelters, like urea, it has a relatively low biological oxygen demand. It contains NO nitrogen, so is safe around aquatic life as well.

Chlorides & Urea Free: Winter Warrior Runway Control® Icemelter is fast becoming a preferred choice around many airports, and commercial sites that demand a totally chloride and urea free ice melter. Traditionally urea has been used at airports, however, urea contains nitrogen and breaks down into ammonia whereby the run-off becomes toxic to aquatic life even at low levels. Winter Warrior Runway Control® Icemelter is safe to use.

APPLICATION METHOD

Winter Warrior Runway Control® Icemelter can be applied in its solid granule form or can be made into liquid. In granule format, the product should be applied at a rate of 50 grams per square metre (¼ cup per square yard / 10 lbs per 1000 square feet). To convert the product into a liquid format, simply dilute 25% product into 75% water. Liquid Winter Warrior Runway Control® can be used to spray on difficult structures that are impractical for granules or it can even be used as an anti-icing agent.

COMPOSITION

Winter Warrior Runway Control® Icemelter has been developed with a special process of encapsulating Sodium Acetate with a Sodium Formate additive. Winter Warrior Runway Control® Icemelter is not a blended product, as each granule has been treated with this special process.

PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Appearance:	Dry, White to Off-White Granules
pH Level:	8 - 10	Odour Threshold:	Not Applicable
Water Solubility:	Easy soluble in water	Odour:	Acid (slight)
Vapour Pressure:	Not Applicable	Vapour Density:	Not Applicable
Melting Point:	253 °C		

STORAGE & HANDLING

Personal Protective Equipment:	None required. Safety glasses and gloves optional.
Handling and Storage Requirements:	Wash hands after handling. Store in a dry, ventilated area. Keep away from heat. Keep away from ignition sources. Store in original packaging until use or store in sealed container. Dry packaged icemelter may be stored safely with food products in a warehouse environment. Do not allow granular icemelter to come into contact with open food products.
Special Shipping Requirements:	Not Applicable



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