



# TECHNICAL DATA SHEET

## PRODUCT IDENTIFICATION

**Product Name** ARCTIC ORANGE™ ICEMELTER

**Product Use** De-Icer / Anti-Icer

## PRODUCT DESCRIPTION

Arctic Orange™ Icemelter is a powerful manufactured ice melt product with each granule containing all the ingredients to be economical and effective in the harshest of winter conditions.

## PERFORMANCE

**Powerful:** Effective down to -31°C (-24°F)

**High Performance:** Arctic Orange™ Icemelter is a manufactured product - not a blended product. It is a triple component icemelter containing calcium chloride, sodium chloride and potassium chloride. Arctic Orange™ Icemelter is far more effective and powerful than simple blend, as each granule contains each of the ingredients. All three ingredients

**Generates HEAT on Contact:** Arctic Orange™ Icemelter generates heat immediately upon contact with the ice, making it more robust and effective than many icemelthers on the market today.

**Cost Effective Orange Color:** Arctic Orange™ Icemelter is dyed a bright orange color. This dye is environmentally friendly, and when used as directed does not stain the surface of your walkway or road surface. The dye helps the user to ECONOMically spread the icemelter evenly, preventing overspreading of the product.

## APPLICATION METHOD

Arctic Orange™ Icemelter is best applied in a uniform even distribution. It should be spread at a rate of 50 - 100 grams per square metre (¼ - ½ cup per square yard / 10 - 20 lbs per 1000 square feet). It is easiest to spread by mechanical means, such as a spreader, depending on size of coverage. It is recommended to remove ice and slush once ice bond has broken. Icemelter may be applied at the beginning of a storm to prevent hard ice accumulations.

## COMPOSITION

Arctic Orange™ Icemelter ia a manufactured product with each granule containing Calcium Chloride, Sodium Chloride and Potassium Chloride that has an orange dye added into the mix.

## PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid	<b>Appearance:</b>	Dry, Orange Granules
<b>Vapour Pressure:</b>	Not Applicable	<b>Odour Threshold:</b>	Not Applicable
<b>Boiling Point</b>	1550°C / 2822°F	<b>Odour:</b>	Minimal Odour
<b>Melting Point:</b>	791°C / 1456°F	<b>Vapour Density:</b>	Not Applicable
<b>Bulk Density:</b>	80 Lb (36.3 kg)/Ft <sup>3</sup>		

## STORAGE & HANDLING

<b>Personal Protective Equipment:</b>	Wear chemical goggles or safety glasses, chemical resistant gloves and apron.
<b>Handling and Storage Requirements:</b>	Store in a dry, ventilated area. Wash hands after handling.
<b>Special Shipping Requirements:</b>	Not Applicable



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