

ICEMELT[®] blended deicer

ICEMELT[®] is high performance blended and compacted de-icing material, a specially formulated homogenous combination of calcium chloride with high pure vacuum salt in a single granule (chip). **ICEMELT[®]** contains a corrosion inhibitor, making it particularly suited to use in municipal, commercial and retail applications. **ICEMELT[®]** has a practical melting temperature of -4 degrees F (-20 degrees C).

ICEMELT[®] blended deicing agent fully meets or exceeds International standards ASTM D 98, AASHTO M144 and Russian STO requirements.

ICEMELT[®] blended deicer is used as chemical deicer on highways and motorways, sidewalks, entryways and pavements, sharp curves in roads, ramps, areas around buildings: parking lots, steps and walks. This product is recommended for deicing asphalt and concrete surfaces that have been designed and constructed for winter conditions.

Quantity and melting action depend upon air and pavement temperatures, storm conditions, thickness of compacted ice and snow.

ICEMELT[®] gives significant BENEFITS TO CUSTOMER:

- Provides the most melting long lasting effect due to combination in single chip of two deicing salts in well-balanced proportion as 1:3 (synergy effect) which ensures better performance than competing deicing materials
- Proves to be most application friendly and easy in handling, requires less up to 75% application rates compare to other deicers
- Works in a wider range of winter temperatures
- Does not chemically attack concrete*
- Leaves no powdery residue
- More environment friendly for soil, grass, lawns and plants when applied correctly

*ACI (American Concrete) Institutes Guide to Durable Concrete says Calcium Chloride has "negligible" effect on concrete while Magnesium Chloride causes a slow deterioration of concrete surfaces

ICEMELT[®] gives significant CHEMICAL PROPERTIES:

#	Parameter	UOM	Guaranteed	Typical
1	Fraction of calcium chloride total mass (CaCl ₂)	%, min	>25	
2	Fraction of sodium chloride total mass (NaCl)	%, min	<75	
3	Fraction of corrosion inhibitor	%, min	<1	0.8
4	Fraction of alkali salts (as NaCl)	%, max	< 1.5	1.5
5	Fraction of insoluble in water residual total mass	%,max	<2.5	0.2

ICEMELT[®] blended deicer **PHYSICAL PROPERTIES:** slightly – yellow grains, **ICEMELT[®]** is compacted material by know-how Zirax technology, that mean each small grain content as calcium chloride as pure salt.