

ICEMELT™

Multi-component high performance de-icing material

PRODUCT DATA SHEET

General Description

ICEMELT™ is a high performance, multi-component de-icing material with anticorrosive additives. Product meets Russian Technical Requirements TU 6-01-05-100-2001, incl. amend.1-3. High quality of the product is proved by Russian and international quality certificates.

Chemical name

Calcium chloride CAS 10043-52-4
Sodium chloride CAS 007647-14-5
Corrosion inhibitor

Application

ICEMELT™ is a new generation solid de-icer to fight snow and ice on highways, streets, pavements, car parkings and yards. ICEMELT™ application is an effective tool to keep treated surfaces dry and free from snow and ice during all winter season. ICEMELT™ has a high melting abilities, keeps melting up to -20C. Prolonged de-icing ability helps to minimize product application rates in comparison with other de-icing materials.

Product benefits

1. More effective in penetrating into ice and snow layers in comparison with other well-known deicers, works deeper and quicker.
2. Product savings from 40 to 75 % to get the same effect.
3. Doesn't leave traces after being applied on asphalt and pavement.
4. While used properly it is not dangerous for grass and other plants.
5. Does not contain any heavy metals and other admixtures which could be harmful for people and animals.
6. Does not form toxic compounds in air and subterranean and surface waters.

Safety in handling

Non-flammable/Non-toxic. For brief contact rubber gloves is well recommended.

Transportation

In line with International Transportation Code.

Physical properties

Appearance	White Pellets
Odour	None
Bulk Density	MIN 1000 kg/cub m (50 lb/cub ft)
Particle Size Distribution, %	
> 10 mm, %	0
1.4 – 5.00 mm, %	85 max
<1.4 mm, %	15 min

Chemical properties

INDICES	Required values, %	Average values, %
Calcium Chloride (CaCl ₂)	15-25	23
Sodium chloride (NaCl)	75-85	76
Total moisture, max	7	2,5
Total insoluble, max	2,5	0,3

Technological properties

Melting properties at t=-5C, min	10	13
Consolidation	Not admitted	N/A
Friability, %	100	100
Friction Coefficient	GOST P-50597-93, GOST 30413-96	Meets required
Corrosiveness, mm per year, max	0,4	0,25

Packaging

25 kg PP valve bags	1 MT/ 40 bags per pallet (100 x 120 x 120 cm)
1 MT Net Wt. (1000 kg PP Big Bags with PE insert)	105 x 125 x 125 cm

Contacts

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