



Winter Wizard Fast De-icer

Application

For de-icing purposes

Product Composition

This product can consist of the following chemicals:

Magnesium Chloride ($MgCl_2$) - Full Specification available upon Request

Sodium Chloride - Salt ($NaCl$) - Full Specification available upon Request

Calcium Chloride ($CaCl_2$) - Full Specification available upon Request

Properties

Sodium Chloride:

Form: crystalline

Colour: Colourless

Odour: Odourless

Data relevant for safety

pH-value in delivery state

Value	Temperature	At	Method	Remark
6 - 9	20 °C	50 g/l	DIN 38404-5	neutral

Boiling point:

1461 °C

1013 hPa

Melting point: 801 °C

Magnesium Chloride:

Form: Flakes

Colour: White

Odour: none

Change in physical state: Hygroscopic

Density (20°C): 1.6 gr/cm³

Bulk density: 800 – 900kg/m³

pH value: 8.2/ at 10% in aqueous solution

Calcium Chloride:

Description White flakes, granules or powder

Odour Odourless

Boiling Point > 1600°C

Melting Point (772°C)

Molecular Weight 111.0

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Important Note: The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.



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Bulk Density	0.75 – 1.0 g/cm ³
Water Solubility	745 g/l (20°C) with evolution of heat
Solvent Solubility	Soluble in alcohol, acetic acid and acetone
pH solution	8 – 12 in 10% water solution

Note: Calcium chloride reacts violently with a mixture of boron oxide (B₂O₃) and calcium oxide (CaO). A violent polymerization occurs if calcium chloride is mixed with methyl vinyl ether. Calcium chloride reacts violently with bromine trifluoride (BrF₃)

Packaging

Available in 12kg & 5kg tubs with scoop

12kg Tubs – 56 Tubs per pallet