



## 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**

**Boiling point:**

**Melting point:** 801 °C

Value	Temperature	At	Method	Remark
6 - 9	20 °C	50 g/l	DIN 38404-5	neutral
1461 °C			1013 hPa	

#### **Magnesium Chloride:**

**Form:** Flakes

**Colour:** White

**Odour:** none

**Change in physical state:** Hygroscopic

**Density (20°C):** 1.6 gr/cm<sup>3</sup>

**Bulk density:** 800 – 900kg/m<sup>3</sup>

**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

JC PEACOCK & COMPANY LTD, NORTH HARBOUR, AYR, KA8 8AE – TEL 01292 292 000 – FAX 01292 292 001

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

Note: Calcium chloride reacts violently with a mixture of boron oxide (B<sub>2</sub>O<sub>3</sub>) and calcium oxide (CaO). A violent polymerization occurs if calcium chloride is mixed with methyl vinyl ether. Calcium chloride reacts violently with bromine trifluoride (BrF<sub>3</sub>)

### Packaging

Available in 12kg & 5kg tubs with scoop

**5kg Tub – 100 Tub per pallet**