

# ICEMELT PRODUCT SPECIFICATION.

## NEW IMPROVED FORMULA

### You may notice a change in appearance

New Specification from December 1999	Previous 1998/99 Spec
1. Material is in: Flake form	Crystalline (Granular) form
2. Material colour is: White	Off white
3. Safety Grip (small beige chippings)	

### MATERIAL CHEMICAL COMPOSITION:

Magnesium Chloride (MgCl<sub>2</sub>.6H<sub>2</sub>O) 70%

Sodium Chloride (NaCl) 12%

Safety Grip – Limestone Grit 18%

Free Water

WITHOUT FREE FLOWING ADDITIVES

Appearance: White Flake material combined with small beige chippings.

Loose Bulk Density: 800/1000kg/m<sup>3</sup>.

### PERFORMANCE:

Packaging: Polyethylene tubs 12.5 litre capacity (minimum 11.0 kg net).

Melt: When spread onto an iced surface maintained at -20°C at a rate of 40g/m<sup>2</sup> there shall be signs of melting within 30 mins.

Note: Icemelt may form large clumps, if moisture is absorbed before use, however these will normally be easily broken up by using the scoop provided.

### HEALTH AND SAFETY:

Chemical Characterisation: Blend of inorganic chlorides including Sodium and Magnesium.

Form: Irregular shaped flakes, powder and limestone grit.

Colour: White and beige.

Odour: Basically odourless.

### PHYSICAL AND SAFETY DATA:

Change in Physical state: Will dissolve in atmospheric conditions.

Loose bulk density: 800/1000kg/m<sup>3</sup>.

Vapour pressure: N/A.

Viscosity: N/A.

Solubility: 60g/100mls water @ 25°C.

Flash point: N/A.

Ignition temperature: N/A.

Thermal Decomposition: Will not occur.

Hazardous Reactions: When moist may corrode some metals and short electrical circuits. Solutions will attack zinc and its alloys (including brass) and cause pitting in stainless steel, mild steel and aluminium tanks should also be avoided.

Hazardous Polymerisation: Will not occur.



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Stock No.c000/0093

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**REGULATIONS:**

Threshold limit value: No specific TLV established.  
Nuisance Particles: 100mg/m<sup>3</sup>

**STORAGE, HANDLING & PROTECTIVE MEASURES:**

Storage: Bagged and tubbed material should be kept closed or the material will absorb atmospheric moisture and dissolve.  
Handling: Avoid contact with skin.  
Respiratory protection: Not required.  
Eye protection: Not required.  
Hand protection: Wear gloves.  
Industrial hygiene: Ventilation not required.  
Fire and explosion: Will not occur.  
Disposal: Dispose of in accordance with local regulations.

**IN CASE OF ACCIDENTS AND FIRES:**

Spillage disposal: Scoop up and place in a suitable waste container.  
Extinguishing media: Not required.

**FIRST AID:**

Eyes: Immediately flush with clean water.  
Skin: Wash with clean water.  
Ingestion: Drink copious amounts of water.

**TOXICOLOGY:**

With correct handling according to instructions there is no danger to humans.

**ECOLOGICAL EFFECTS:**

Icemelt is a fully biodegradable fertiliser, combined with a naturally forming rock for added grip.

**ICEMELT IS RECOMMENDED AS AN ENVIRONMENTALLY FRIENDLY ALTERNATIVE TO COMMON ROCK SALT, REDUCING SOIL CONTAMINATION AND POLLUTION TO WATERWAYS.**

More effective than rock salt, Icemelt is ideal for icy steps, sloping paths and uneven surfaces. The unique ice-penetrating formula works faster, spreads further and is more effective than conventional rock salt. A little goes a long way! One tub of 12.5 litres is sufficient to cover 250m<sup>2</sup>. Even if refreezing occurs, Icemelt's special ice penetrating action will ensure that the surface remains safe to walk on. Supplied with a free dispenser.

**MECHANICAL SPREADING:****ICEMELT is Ideal for use in the following Glasdon Gritting Machines:**

Manual: Icemaster 20 and 40, plus the Cruiser Turbocast 300.

Towable: Icemaster 200.

(All have spinner plates and may be referred to as "Broadcast Spreaders").

**Do NOT use ICEMELT in the following Glasdon Gritting Machines:**

Manual: Cruiser 50.

Towable: Cruiser 80 and 150.

(All have paddles and may be referred to as "Straight Drop Spreaders").



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