

Peacock Salt

Winter Salt



Winter | Equipment | Water | Industrial | Food | Cosmetic



www.peacocksalt.com

Winter Salt



Formed in 1874 and entering the de-icing market in 1947, Peacock Salt is the UK's longest established importer of de-icing salt. Our annual supply to the UK has exceeded 650,000 tonnes.

Peacock Salt has been developing products and services to meet our clients' changing needs. This broad range of products includes liquids, which offer low working temperatures, as well as low and non-corrosive and longer-lasting de-icers which have been developed during extensive trials throughout the UK.

Our new range of purpose-built salt spreaders cover all areas and surfaces with unprecedented accuracy and control (See Winter Equipment page 15). We have also developed a free App which helps you make good decisions for your Winter Maintenance Management (See page 3).

- 📄 White De-icing Salt
- 📄 Brown Rock Salt
- 📄 Winter Wizard
- 📄 High Performance De-icers
- 📄 Liquids

	White De-icing Salt	K3 Rock Salt	Vacuum Salt	Brown Rock Salt	Winter Wizard	Winter Wizard Fast
PACK SIZES	5kg, 10kg, 15kg, 20kg, 25kg, 1000kg, bulk	25kg, 1000kg, bulk	25kg, 1000kg, bulk	25kg, 1000kg, bulk	1.5kg stick 5kg, 10kg, 12kg tubs	5kg, 12kg tubs
PURITY	99% Sodium Chloride	99% Sodium Chloride	99% Sodium Chloride	99% Sodium Chloride 5% insolubles	99% Sodium Chloride	50% Sodium Chloride 50% Performance De-icer
APPEARANCE	Salt Crystals	3mm Salt Grains	Fine Salt Grain	Grit Salt	Clean Salt Crystals	Blend of Salt Grains & Flakes
EFFECTIVE DE-ICER TEMP.	-7°C	-7°C	-7°C	-7°C	-7°C	-12°C
CORROSION RESISTANT	★	★	★	★	★	★★
CONCRETE SAFE	★	★	★	★	★	★★
PET FRIENDLY	★	★	★	★	★	★
ENVIRONMENT	★★	★★	★★	★★	★★	★★★
COST	£	££	££	£	£	£££
TYPICAL APPLICATION	General coverage, hand application, spreader application. Clean to use.	Dry salt – particularly suited to spreader application, general coverage.	Artificial grass, synthetic pitches.	General applications, better suited to roads due to dirty residue.	Ideal for home users – convenient pack sizes. Clean to use.	Home / driveway usage.

De-icing Guidelines/Suggested De-icing Rates

Please find below approximate quantities for preventative treatments of frost, ice and snow conditions. Given the variables involved, these are offered as a guideline only and Peacock accept no liability.

Granular De-icers

(Salt / Winter Wizard / etc.)

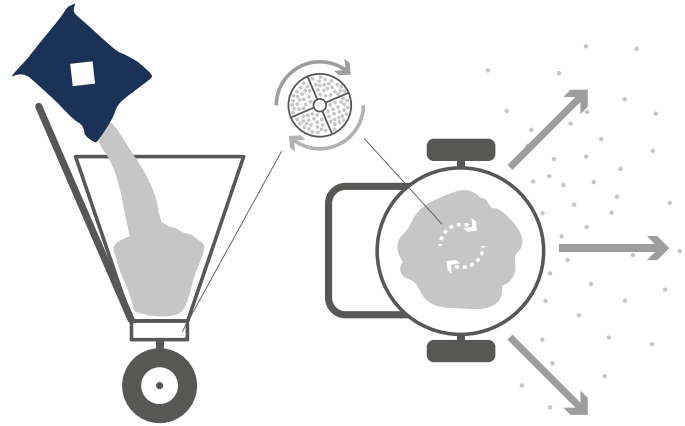
FORECAST CONDITION	TEMP	SPREAD RATE
Frost / Ice	0°C to -5°C	10-20 grams /m ²
	Below -5°C	20-30 grams /m ²
Snow	0°C to -5°C	25-40 grams /m ²
	Below -5°C	40-50 grams /m ²

Liquid De-icers

(Brine / ProBrine / Viaform / etc.)

FORECAST CONDITION	TEMP	SPRAY RATE
Frost / Ice	0°C to -5°C	20 ml /m ²
	Below -5°C	
Snow	0°C to -5°C	40 ml /m ²
	Below -5°C	

How spinner spreaders work








See pages 17-19 for full range of drop spreaders, spinner spreaders, flicker spreaders and brine sprayers

Please note:

Preventative treatments (before freezing conditions) are more effective than applications after the freezing event has occurred. Inclement weather factors such as wind and precipitation will require increased application rates.

For best results in snow conditions, the snow must be cleared before applying the de-icing treatment.

	Viaform De-icer	Procoat	Calcium Chloride	Magnesium Chloride	Urea Prills
					
PACK SIZES	10kg, 25kg, 500kg	15kg, 1000kg	25kg, 500kg, 1000kg	25kg, 500kg, 1000kg	25kg, 1000kg
PURITY	97% Sodium Formate	99% Sodium Chloride	100% Calcium Chloride	100% Anhydrous Magnesium Chloride	97% Urea
APPEARANCE	Flakes	Salt Crystals	Flakes or Prills	Flakes	Prills
EFFECTIVE DE-ICER TEMP.	-50°C	-7°C	-32°C	-18°C	-4°C
CORROSION RESISTANT	★★★★★	★	★★	★★	★★★★★
CONCRETE SAFE	★★★★★	★★	★★★	★★	★★
PET FRIENDLY	★★★★★	★	★	★	★★★★★
ENVIRONMENT	★★★★★	★★★	★★★	★★★	★
COST	£££££	£££	££££	£££	£££
TYPICAL APPLICATION	Areas of high value - metal components (airports, helpads, train stations, race tracks) near watercourses, gardens, inner city, usage on specialist materials.	Areas where reduced corrosion is required (rail platforms, car park decks etc).	Extreme low temperatures, Ultimate fast and long residual performance.	Low temperatures, very fast and good residual performance.	Low corrosion. Not suitable near aquatic life.

Winter Salt

Winter

White De-icing Salt



Our white de-icing salt is marine salt harvested from sustainable sources around the Mediterranean Sea and is almost 100% pure sodium chloride.

The Benefits of de-icing with White Salt

- ☐ White salt does not leave behind the same messy residue as traditional brown salt (grit) making it perfect for pathways, pavements, playgrounds and commercial estates where cleanliness is important
- ☐ With a purity level of almost 100% sodium chloride, every particle plays a part in the de-icing process
- ☐ It is graded particle sizes for even distribution
- ☐ Free flowing, ideal for use in spreaders
- ☐ Conforms to BS3247:2011, the British Standard for de-icing salt

KEY

- Clean de-icer
- Contains anti-caking agent
- Approx max grain size (mm)
- Low temperature de-icer
- Easy to handle bag weight

White De-icing Salt 5kg Bag



CODE: DEI0005

White De-icing Salt 10kg Bag



CODE: DEI0010

White De-icing Salt 15kg Bag



CODE: DEI0015

White De-icing Salt 20kg Bag



CODE: DEI0020

White De-icing Salt 25kg Bag



CODE: DEI0025

White De-icing Salt 1000kg Bag



CODE: DEI1000

White De-icing Salt Bulk



CODE: DEI9999

For your convenience Peacock Salt choose to be explicit in the labelling of their bagged salt products in terms of weight. The contents of bags labelled 'Handy', 'Maxi' may vary.

Brown Rock Salt



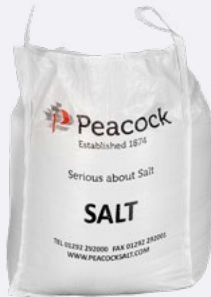
Also known as road grit and traditionally used by local authorities across the UK in winter. This is a raw, indigenous, mined product and therefore includes naturally occurring grit particles. Typically the salt can range from 5-8% insolubles. Conforms to BS3247:2011, the British Standard for de-icing salt.

Brown Rock Salt 25kg Bag



CODE: BS0025

Brown Rock Salt 1000kg Bag



CODE: BS1000

Brown Rock Salt Bulk



CODE: BSS69999

Treating Artificial Surfaces



K3 Rock Salt

A multi-purpose salt for use as an alternative de-icer. Reduced grain and crystal size allows for a quick, fast-flowing spread leaving no residue.

Rock Salt 3.2-0.4mm Grain 25kg Bag



CODE: K320025

White Rock Salt



Vacuum salt

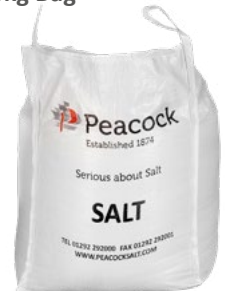
Particularly effective for de-icing technical surfaces such as artificial sports pitches where the small grain size can penetrate below the playing surface and leave no residue. Suitable for use with a wide variety of spreaders.

Industrial PDV Vacuum Salt 0.18-1mm Grain 25kg Bag



CODE: IVS0025

Industrial PDV Vacuum Salt 0.18-1mm Grain 1000kg Bag



CODE: IVS1000



Winter Wizard




Winter

Great for use at home

Winter Wizard is a range of easy-to-use de-icers from Peacock Salt, tailored specifically to the winter needs of our residential customers and trade and retail markets. The pack sizes are also designed to be lighter weight and easier to handle making them ideal for use by a wider audience. Overall, an important part of your winter emergency kit.

KEY

-  Clean de-icer
-  Contains anti-caking agent
-  Approx max grain size (mm)
-  Low temperature de-icer
-  Easy to handle bag weight

Winter Wizard De-icer 10kg Bag

Handy carry size with handle



Made from white marine de-icing salt.



CODE: WW0010

Winter Wizard Salt n Shake De-icer 1-6.3mm 5kg Tub



Easy to use and store

CODE: WWS0005



Winter Wizard Box Salt Sticks (12x1.5kg) 3.2-0.4mm



CODE: WWSBOX12



Made from a cleaner, drier white de-icing salt for easy application.



Made from a blend of Chlorides and white de-icing salt. Effective at lower temperatures than normal de-icers.

Winter Wizard Fast De-icer 1-6.3mm Grain 5kg Tub



CODE: WW0005

Winter Wizard Fast De-icer 1-6.3mm 12kg Tub



CODE: WW0012



EST. 1874
Peacock
Serious about Salt



Peacock Salt
are the UK's largest
commercial importer of salt.

Service

innov**A**tive

know**L**edge

Trust

www.peacocksalt.com



Also available as liquid de-icers
page 13

Winter

High Performance De-icers

A range of specialised de-icers including low temperature and low corrosion options.

Winter conditions are generally combatted with sodium chloride salt as it performs well in the temperatures typically experienced in the UK. Salt does have its limitations however, and when a performance de-icer is required to offer lower de-icing temperatures or to have a reduced impact on the surrounding environment, Peacock Salt can deliver a range of high performance de-icers.

KEY

-  Clean de-icer
-  Low environmental impact
-  Corrosion resistant
-  Pet friendly
-  TO -50°C Low temperature de-icer
-  Easy to handle bag weight
-  Concrete safe

Viaform

- 
-  TO -50°C
- 
- 
- 
- 

Viaform is a non-corrosive de-icer which is non-toxic for humans, animals, plants or water organisms, fully biodegradable, and free from salt (no nitrogen or chloride content). It offers a high material compatibility due to its environmentally friendly corrosion inhibitor. Viaform is suitable for keeping airfields, railway platforms and other corrosion sensitive areas free from ice and snow.

Viaform Granular is an extremely efficient, granulated de-icing agent based on sodium formate and is especially used for the removal of thicker ice layers of 3-12 mm. The granules will penetrate, melt and undercut the ice layer and thus enable an easy mechanical removal of the ice ('undercutting' effect). Also available as a liquid de-icer (see p13).

NON-CORROSION

Viaform Non-corrosive De-icer 0.16-4mm 10kg Bag



CODE: VIA0010

Viaform Non-corrosive De-icer 0.16-4mm 25kg Bag



CODE: VIA0025

Viaform Non-corrosive De-icer 0.16-4mm 500kg Bag



CODE: VIA0500

Viaform Non-corrosive De-icer 0.16-4mm 2 x 500kg Bags



CODE: VIA1000

Procoat

- 
-  TO -7°C
- 

Procoat is a low corrosion de-icer. It is 70% less corrosive than normal de-icers due to a special inhibitor, suitable for keeping fire escapes, railway platforms, bridges and other corrosion sensitive areas free from ice and snow. Also available as a liquid de-icer.

See liquid de-icers page 13-14

LOW CORROSION

Great sized bag for transporting

Procoat Low Corrosion De-icer 6mm Grain 15kg Bag



CODE: PROC0015

Procoat Low Corrosion De-icer 6mm Grain 1000kg Bag



CODE: PROC1000

Liquids available on page 13-14

Calcium Chloride

LOW TEMPERATURE



Calcium chloride offers an extremely low de-icing temperature of around -32°C. Like sodium chloride, it is a hygroscopic material that attracts moisture, quickly starting the de-icing with the formation of brine.

Calcium chloride is also exothermic, and releases heat as it dissolves in water. As a result, it is a particularly effective de-icer at colder temperatures which serves to heat up the surrounding area upon application, kick-starting the melting process.

Calcium Chloride Flake 77-80% Tech Grade 1-6.3mm Grain 25kg Bag



CODE: CCFRG0025

Calcium Chloride Flake 77-80% Tech Grade 1-6.3mm Grain 500kg Bag



CODE: CCF0500

Calcium Chloride Flake 77-80% Tech Grade 1-6.3mm Grain 1000kg Bag



CODE: CCF1000

Calcium Chloride Prills 25kg Bag



CODE: CCPR0025

Blu Gnu BLUGNU

Blu Gnu is an innovative de-icing salt for use on pavements and car parks. Blu Gnu is white de-icing salt which has a UV degradable and non-staining, water soluble colourant added, allowing you to see easily the areas where salt has been applied.

Blu Gnu Safety Salt 1-6.3mm Grain 20kg Bag

CODE: BGNU0020

TO -7°C



SAFETY SALT YOU CAN SEE!

Magnesium Chloride

Like Calcium Chloride, Magnesium Chloride is both hygroscopic and exothermic and its properties make it functional as a low temperature de-icer. It has a low de-icing temperature of around -18°C.



Magnesium Chloride Flake 1-3mm Grain 25kg Bag



CODE: MGCLFAF0025

Urea Prills

A key component of a range of products commonly known as 'Ice Melt', Urea Prills are a non-corrosive alternative to standard de-icing salt.

Its main uses are in and around multi-story car parks, concrete surfaces and areas where exposure to traditional salt (e.g around metallic structures) needs to be kept to a minimum.

Urea Prills 25kg Bag



CODE: UREA0025



Magnesium Chloride Flake 1-3mm Grain 500kg Bag



CODE: MGCLF0500

Magnesium Chloride Flake 1-3mm Grain 1000kg Bag



CODE: MGCLF1000

Liquids: The Modern Solution to De-icing

Liquid de-icers are commonly used throughout Central Europe and North America as an alternative to granular, rock salt treatments and are proven to be equally as effective whilst offering significant cost savings and greater environmental benefits.

Liquids are easier to store and handle than granular materials, requiring tanks and pumps as opposed to covered storage and palletised materials. They appeal to a wide range of customers who are keen to reduce their reliance on manual handling. Liquids are sprayed rather than spread, which ensures a lot more control can be applied to make sure that the application is targeted exactly where you want it, cutting waste down to a minimum.

Pre-wet & Direct Liquid Applications








Pre-wet treatments are a combination of dry rock salt and wet brine (liquid salt). Direct liquid applications (DLAs) are when liquid only de-icers are used to combat the winter conditions.

Peacock Salt has a growing range of brines and other liquid de-icers that will enable you to take a more considered and tailored approach to your de-icing activities.

Probrine Liquid

Probrine is a 20% solution liquid de-icing brine which blends white marine salt with a corrosion inhibitor to reduce impact on any metal by over 80%. Suitable for application using backpack or hand-push sprayers.

KEY

-  Clean de-icer
-  Corrosion resistant
-  Pet friendly
-  Lightweight
-  Low temperature de-icer
-  Easy to handle bag weight
-  Low environmental impact

Liquid sprayers available on page 19

ProBrine Liquid De-icer 15L Jerry Can



 CODE: PROB0015

Probrine Liquid De-icer 20L (4 x 5 litre)



 CODE: PROB0020

ProBrine Liquid De-icer 800L or 1000L IBC



 CODE: PROB0800
CODE: PROB1000

Viaform Liquid

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- 
- 
- 
- 
- 

Viaform is a corrosion resistant de-icer developed for the aircraft industry. It surpasses all de-icing standards, working to extreme low temperatures and offers excellent coverage in a liquid format. It is not toxic to humans, animals or aquatic organisms and is fully biodegradable in aqueous systems without causing a damaging oxygen depletion.

Viaform Liquid is a potassium formate based solution that is perfectly suited for de-icing thinner ice layers as well as for preventive application when weather conditions are impending.

Viaform Liquid De-icer 15L Jerry Can



Great size of drum for garage storage

 : VIAL0015

Viaform Liquid De-icer 700L or 1000L IBC



 DE: VIAL0700
DE: VIAL1000

Sodium Chloride Liquid



Sodium Chloride liquid is the primary de-icer used by highway spreaders when delivering a pre-wet treatment. It offers the same de-icing properties as granular sodium chloride salt, but it is faster acting at melting away ice and snow and leaves a more even spread with no scatter wastage.

Sodium Chloride Brine 20% 800L or 1000L IBC



CODE: BRI200800
CODE: BRI201000

Bulk Sodium Chloride Brine



CODE: BRI209999

Sodium Chloride Liquid De-icer 15L Jerry Can



CODE: BRI20015



Hilltip SprayStriker™

For further information on Hilltip products see pages 23-26

Calcium Chloride Liquid



Similar to its granular format, Calcium Chloride Liquid is an effective low temperature de-icer, melting ice down to around -32°C. Given its hygroscopic nature (desire to absorb water), it is also easier to manage than solid granules which need to be kept sealed away from atmospheric moisture.

Calcium Chloride Liquor 28-30% 800L or 1000L IBC



CODE: CCL0800
CODE: CCL1000

Magnesium Chloride



Like Calcium Chloride, Magnesium Chloride is both hygroscopic and exothermic, and it's properties make it functional as a low temperature de-icer to around -18°C.

Magnesium Chloride 32% Liquid 1000L



CODE: MGCLIBC1000

Peacock Salt – Our Locations

We deliver salt to over
80,000
UK locations



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Aberdeen
Ayr
Dundee
Glasgow
Rosyth
Garston

Astmoor
Hull
Immingham
Avonmouth
Tilbury



We stock over
100 types of
salt for 14,000
different
applications



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