



O.D. Salt Limited has the exclusive distribution rights for Salinity **SP™ Pure Salt Crystals for and Agricultural Food Grade salt** in Ireland.

O.D. Salt will take a tailored versatile approach to customers, ensuring that the customer can order what they require when they require it at a competitive price. Our experience in transport and logistics will ensure we can arrange transport at the keenest rates.

Through our partnership with Salinity we can offer a superior product at a competitive price with security of supply.

## **Salinity Limited**

### **Brief overview**

Privately owned family company since 1830

Headquartered in Gothenburg, Sweden

Operating subsidiaries in UK, Sweden, Germany, Holland with offices in Poland, Egypt and China

75 Employees

Core products: De-icing salt, Agricultural salts and Silage additives, Water softening products, Food salts, Industrial salt products

750,000 Tonnes of salt traded and shipped per annum

Annual turnover £75m, Balance sheet £35m

ISO 9001 certified, ISO 22001 for Food products, GMP+ for Agri products

Salinity Group is the largest independent trader and supplier of salt and salt products in Europe. Salinity have companies in Sweden, UK, Germany and the Netherlands and maintain offices in Poland, China and Egypt.



SALINITY **SP**™

# PURE SALT CRYSTALS

## Advantages over Granular salt for water Purification

1. Salt crystals are pure crystalline structures composed of pure NaCl molecules: the crystalline structure is evidence of extremely pure salt ensuring no other contaminants or insolubles that would otherwise interfere with the crystallisation process.
2. Salt crystals do not 'collapse' after being submerged in the water/brine tank of the softener because the crystal only dissolves into brine at the crystal water interface. Compacted tablets/granules are made by mechanically compressing powder/grains of salt and can fall apart as the water 'soaks' into the matrix causing it to collapse back into its component granules. This results in a very low salt mass to water surface area ratio which can lead to accumulating deposits of 'slumped' salt powder in brine tanks. This necessitates the regular flushing of tanks. With crystals of course the crystal just dissolves continually until completely in solution.
3. - 5-15 mm is an optimum size distribution to maximise water flow. The cubic crystal shape assists to maintain water volume and flow on all sides of the crystal.

## SP™ Pure Salt Crystals

Pure crystalline granules of salt for use in ion exchange water softening systems in domestic, commercial and industrial applications



EAN number	7311631933210
Packaging	25 kg heavy duty polythene

### CHARACTERISTICS

Content	Salt - NaCl - Sodium Chloride translucent crystals
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Chemical analysis	Sodium Chloride (NaCl)	>99.8%
	Calcium (Ca)	<0.06%
	Magnesium (Mg)	<0.03%
	Zinc (Zn)	<0.0002% (2ppm)
	Nickel (Ni)	<0.0001% (1ppm)
	Chromium (Cr)	<0.0001% (1ppm)
	Copper (Cu)	<0.00005% (0.5ppm)
	Arsenic (As)	<0.00005% (0.5ppm)
	Cadmium (Cd)	<0.00005% (0.5ppm)
	Lead (Pb)	<0.00001% (0.1ppm)
	Mercury (Hg)	<0.00001% (0.1ppm)
	Nickel (Ni)	<0.0013%
	H <sub>2</sub> O	<0.1%
	Insolubles	<0.1%

Additives	None
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Bulk density	1.15 - 1.3 g/cm <sup>3</sup>
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Granulometry	Min %	Max %
>20mm	0%	1%
5mm to 20mm	40%	100%
2mm to 5mm	0%	60%
<2mm	0%	3%

Conformity	Complies with EN973 type A for regeneration of ion exchangers in water softeners for human consumption. Suitable for all forms of industrial, commercial and domestic softening of drinking water. Manufactured in Europe to ISO9000 accredited Quality Standards
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