

**MORTON SALT****PRODUCT DATA SHEET****Morton® Professional Water Softener Crystals + Rust Protection****Description**

- This product is produced from either direct-mined or solar evaporated salt at several manufacturing locations.
- This product contains a rust defense additive. This additive, in combination with sodium chloride, offers an effective system for minimizing iron and manganese fouling of softener resins.
- Some production may contain traces of off-colored insolubles.
- This product is certified to NSF/ANSI/CAN 60.

Use

- This product can be employed in any type of home or light commercial softener brine tank properly equipped to filter fine insolubles to avoid valve clogging. It should not be used in touch grid plate, hydrosyphon systems designed for pelletized vacuum salt as fine insolubles and undissolved salt will accumulate in the reservoir below the grid, gradually reducing brine volume for resin regeneration.

Chemical Properties

<u>Analyte</u>	<u>u/m</u>	<u>Range</u>	<u>Note</u>
Sodium Chloride	%	>=99.47	1
Calcium Sulfate	%	<=0.31	
Calcium & Magnesium as Calcium	PPM	<=1,500	
Moisture (Surface)	%	<=0.20	
Water Insolubles	%	<=0.14	

- Note 1. By difference of impurities, moisture-free basis (ASTM Methods).

Physical Properties

- This product has a screen tolerance for excessive fines, 5% passing a U.S.S. 12 Mesh sieve, to avoid a tendency to bridge in softener brine tanks.
- Initial voids immersed in water are 48-52%. Void capacity does not vary significantly over several regeneration cycles in a softener brine tank.

Particle Size

<u>Screen</u>	<u>u/m</u>	<u>Range</u>	<u>Retained/Passing</u>
U.S.S. 12 Mesh (1.7 mm opening)	%	>=95	Retained
Pan	%	<=5	Retained

Codes

<u>Pack</u>	<u>Material Code</u>	<u>UPC</u>
40-Pound Film Bag	F149810000	0 24600 04981 8

Storage/Coding

- A manufacturing lot code appears on bottom bag seam.
- Chemically stable. Store indoors or cover with UV resistant plastic to protect from wetting or direct sunlight. Packaging can disintegrate upon prolonged exposure to UV radiation.

Plants

- Glendale, AZ; Port Canaveral, FL; Fairless Hills, PA; Grantsville, UT; and New Castle, DE

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