



**MORTON SALT**

# PRODUCT DATA SHEET

## Morton® Clean and Protect™ Water Softening Pellets

### Description

- These pellets for recharging water softeners are compressed from either vacuum granulated salt or solar. The pellets incorporate evenly dispersed concentrations of soluble resin cleaning additives.
- The formula of the resin cleaning additives is patented (U.S. Patent 6,331,261).
- The pellets have a minimum purity of 99.65% sodium chloride.
- This product is certified to NSF/ANSI Standard 60.
- The principle salt impurity is either calcium sulfate or sodium sulfate. Other impurities may consist of traces of calcium chloride, magnesium sulfate, and magnesium chloride.

### Use

- Designed for use in home and light commercial water softeners and other ion-exchange water treatment processes in which sodium chloride is used for resin regeneration.
- The product can be applied effectively in all designs of softener brine tanks.
- The formula is not abusive to softener parts and resin. It is compatible with chemicals and specialized resins used in treatments for iron and other foulants.
- Cleansing additives are thoroughly flushed from the system during resin regeneration.

### Chemical Properties

Analyte	u/m	Range	Note
Sodium Chloride	%	>=99.65	1
Water Insolubles	%	<=0.10	

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

### Physical Properties

- Typical pellet size dimensions are 1" long, 5/8" wide and 3/8" thick.
- Pellets from Glendale, AZ have typical dimensions of 1-1/4" long, 3/4" wide and 1/2" thick.
- Typical compacted bulk density is 1.1 g/ml (68 lbs/cu. ft.).
- Initial voids immersed in water are 48-52%. Void capacity does not vary significantly over several regeneration cycles in a softener brine tank.

### Codes

Pack	Material Code	UPC
25-Pound Film Bag	F124990000	0 24600 01499 1
40-Pound Film Bag	F125000000	0 24600 01500 4
50-Pound Film Bag	F125010000	0 24600 01501 1

### **Storage/Coding**

- Chemically stable. Store indoors or cover with black plastic to protect from wetting or direct sunlight. Packaging can disintegrate upon prolonged exposure to UV radiation. Minimum storage life of one year if properly stored.
- A manufacturing lot code appears on bottom bag seam.

### **Plants**

- U.S.A. -- Glendale, AZ; Port Canaveral, FL; Hutchinson, KS; Manistee, MI; Silver Springs, NY; Rittman, OH; Grand Saline, TX; and Grantsville, UT
- Canada -- Windsor, ON (Affiliate K+S Windsor Salt Ltd.)

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