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PRODUCT DATA SHEET

Morton® Clean and Protect™ Water Softening Pellets



Description

Morton® Clean and Protect™ Water Softening Pellets for recharging water softeners are compressed from either vacuum granulated salt or solar salt incorporating 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 ANSI/NSF Standard 60.

Use

This product is 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. Cleansing additives are thoroughly flushed from the system during resin regeneration.

Chemical Properties

The principal salt impurity is either calcium sulfate or sodium sulfate. Other impurities may consist of traces of calcium chloride, magnesium sulfate, and magnesium chloride.

Analysis

	Range
¹ Sodium Chloride (%)	99.65 Minimum
Water Insolubles (%)	0.1 Maximum

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

Physical Properties

Typical compacted bulk density is 1.1 g/ml (68 lbs/ft³). Initial voids immersed in water are 48 - 52%. Void capacity does not vary significantly over several regeneration cycles in a softener brine tank.

Pellet Size

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.

Codes

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

Plants

U.S.A. -- Glendale, AZ; Newark, CA; 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.)

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.

These data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.

Water Conditioning
SC: 273-3

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