



PRODUCT DATA SHEET



Morton® Culinox 999 Food Grade Salt

Description

Morton® Culinox® 999® Food Grade Salt is high purity, food grade granulated sodium chloride produced in vacuum pans from chemically purified brine. The crystals are cubic in structure. Brine treatment, crystallizing technique, and post-crystallizing washing substantially reduce calcium, magnesium, iron, copper and other heavy metals, sulfate and carbonate impurities. High purity helps assure consistent saltiness intensity, and there are stringent standards on visible, insoluble extraneous material. There are no additives.

This product meets the specifications of ANSI/AWWA Standard B200 and is certified to ANSI/NSF Standard 60.

Chemical Properties

This product complies with Food Chemicals Codex tolerances and federal CGMP standards. Culinox® 999® Salt is annually certified as kosher for passover.

Sodium sulfate is the major impurity with traces of calcium carbonate and magnesium hydroxide.

	Range
¹ Sodium Chloride (%)	≥99.95
Sulfate (%)	≤0.03
Ca/Mg as Ca (ppm)	≤60
Moisture (Surface) (%)	≤0.1
Water Insolubles (ppm)	≤100
Copper (ppm)	≤0.3
Free Iron (ppm)	≤0.7
Arsenic (ppm)	≤1.0
Heavy Metals as Lead (ppm)	≤2.0

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

Product Ingredient Statement

Salt

Nutrient Content (per 100g)

Carbohydrates (g)	0	Trans-Fatty Acids (g)	0
Dietary Fiber (g)	0	Ash (g)	>99.9
Protein (g)	0	Moisture (g)	<0.1
Fat (g)	0	Calories	0
Calcium (mg)	2	Magnesium (mg)	0
Chloride (mg)	60,600	Sodium (mg)	39,300

Physical Properties

Pour (loose) bulk density is 1.04 - 1.28 g/ml (65-80 lbs/ft³).

Meets USDA No. 1 (0.5 mg) coarse sediment standard for milk and milk products (7 CFR 58.5758) using a 250 g sample, equivalent to 2 ppm or less.

All production may be unscreened; however, it receives a coarse scalping of 12 mesh.

Sieve Analysis

Retained on U.S.S. 20 Mesh (850 µm opening)*	≤10%
Passing U.S.S. 70 Mesh (212 µm opening)	≤25%

*10,000 Microns (micrometers, µm) per centimeter;
25,400 Microns per inch

Codes

	Commodity Code	UPC
50-lb bags	F112840000	0 24600 01284 3
80-lb bags	F112810000	0 24600 01281 2
Tote bags	F1127900xx	-
Bulk	F112890000	-

Industrial
SC: 295-2

Storage/Coding

Culinox® 999® Salt is chemically stable and does not support microbial growth. To reduce the incidence of caking, store in a cool, dry area where the humidity does not regularly cycle 75% rh. Under these conditions, the storage life of this salt in its unopened containers is, therefore, indefinite. A plant specific batch code is found on the package.

Plants

Silver Springs, NY; Rittman, OH; Hutchinson, KS; Grand Saline, TX; Newark, CA

Packaging

50 & 80 lb. multiwall, polyethylene-lined kraft paper bags.

Unit Dimensions			
Net Wt. (lb)	Gross Wt. (lb)	L x W x H (in)	Cube (ft ³)
50	50.5	24 x 13 x 3	0.5
80	80.9	28 x 16 x 3.5	0.9

Palletized*					
Bag	Tiers	Bags/ Tier	Bags/ Pallet	Gross Wt. (lb)	Cube (ft ³)
50 lb.	7	7	49	2545	43
80 lb.	6	5	30	2497	46

*Includes 48" x 40" standard wood pallet @ 70 lbs.

Bag Art



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.