

PRODUCT DATA SHEET

Morton® PureSun™ Culinary Crystals



Description

Morton® PureSun™ Culinary Crystals is salt harvested from water taken from the Great Salt Lake using solar evaporation. The brine is concentrated in open shallow ponds and then crystallized into pure salt through slow evaporation via solar heat and wind. The harvested salt is washed, dried, crushed, and screened to optimum size. This product is food grade salt and is generally recognized as safe (GRAS).

PureSun™ Culinary Crystals tend to crystallize in pyramidal aggregates which are broken up in milling to irregular, rectangular particles. Appearance is crystalline to white.

Chemical Properties

PureSun™ Culinary Crystals comply with Food Chemicals Codex and federal CGMP standards. It is annually certified as kosher for Passover. This product is considered "Natural" and is suitable for use in products labeled "Organic".

	Typical
¹ Sodium Chloride (%)	99.80
Calcium Sulfate (%)	0.095
² Other Salts (%)	0.095
Ca/Mg as Ca (ppm)	664
Moisture (Surface) (%)	0.076
Water Insolubles (ppm)	50
Arsenic (ppm)	<1.0
Heavy Metals as Lead (ppm)	<2.0

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

² One or more of the following—calcium chloride, magnesium sulfate, magnesium chloride, sodium sulfate.

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)	30	Magnesium (mg)	25
Chloride (mg)	60,600	Sodium (mg)	39,300

Physical Properties

Pour (loose) bulk density is about 1.20 g/ml (75 lbs/ft³).

Sieve Analysis

USS Mesh	Openings Microns**	Typical Percent Retained*
30	600	14
40	425	46
50	300	30
70	212	9
100	150	0
Pan	--	1

* On individual screens

** 10,000 Microns (micrometers, μ m) per centimeter
25.400 millimeters (mm) per inch

This is an interim product data sheet. The chemical and physical properties shown on this product data sheet are based on limited data and may vary. The prospective user should determine the suitability of this product for their use before adopting it for use on a commercial scale.

Industrial
SC: 284-16

Codes

	Material Code	UPC
50 lb. Paper Bag	F115120000	0 24600 01512 7
Totes	TBD	-

Bag Art

Plant

Grantsville, UT

Storage/Coding

PureSun™ Culinary Crystals are chemically stable and will not support microbial growth. To reduce the incidence of caking, store in a cool, dry area, relatively free of drafts, where the humidity does not regularly cycle through 75% rh. Under these conditions, the shelf life is indefinite. An open date code is found on the package.

Packaging

50-lb multi-walled, 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	0.7

Palletized*					
Bag	Tiers	Bags/ Tier	Bags/ Pallet	Gross Wt. (lb)	Cube (ft ³)
50 lb.	7	7	49	2545	43

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



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.