



**MORTON SALT**

# PRODUCT DATA SHEET

## Morton® TCP Extra Fine 70 Sea Salt

### Description

- This product is food grade salt harvested from ocean water 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 tends to crystallize in pyramidal aggregates which are broken up in milling to irregular, rectangular particles.
- Appearance is crystalline to white.
- Sea salt water insoluble material is primarily coral and/or sand. The calcium carbonate-based coral and sand may be white, tan or black in appearance.
- Tricalcium phosphate (GRAS) is added as a free flowing anticaking agent. It is exempt from label declaration on foods incorporating the salt as an incidental, nonfunctional additive under 21 CFR 101.100 (a)(3).
- This product complies with Food Chemicals Codex tolerances and federal CGMP standards.
- This salt is annually certified as Kosher for Passover.
- Product of the Bahamas, Mexico or Brazil. Processed and packaged in U.S.A.

### Chemical Properties

<u>Analyte</u>	<u>u/m</u>	<u>Typical</u>	<u>Range</u>	<u>Note</u>
Sodium Chloride	%	99.7	>=99.5	1
Calcium Sulfate	%	0.18	<=0.31	2
Other Salts	%	0.11	<=0.24	3
Calcium & Magnesium as Calcium	PPM	974	<=1,600	2
Moisture (Surface)	%	0.03	<=0.15	2
Water Insolubles	PPM	136	<=270	4
Arsenic	PPM		<=1.0	
Heavy Metals as Lead	PPM		<=2.0	
Tricalcium Phosphate	%	1.0	0.8 - 1.3	

- Note 1. By difference of impurities, before additives, moisture-free basis (ASTM Methods).
- Note 2. Before additives.
- Note 3. One or more of the following salts, before additives -- calcium chloride, magnesium sulfate, magnesium chloride, and sodium sulfate.
- Note 4. Water insoluble material from sea salt is predominantly natural calcium carbonate in the form of coral and/or sand.

## Product Ingredient Declaration

- Salt, Tricalcium Phosphate

## Physical Properties

- Range loose (pour) bulk density (g/ml): 0.96 - 1.12
- Range loose (pour) bulk density (lbs/cu.ft.): 60 - 70

## Particle Size

<u>Screen</u>	<u>u/m</u>	<u>Range</u>	<u>Retained/Passing</u>
U.S.S. 50 Mesh (300µm opening)	%	<=8	Retained
U.S.S. 140 Mesh (106µm opening)	%	<=10	Passing

## Codes

<u>Pack</u>	<u>Material Code</u>	<u>UPC</u>
50-Pound Film Bag	F113800003G	0 24600 01380 2
Totes	F1136000xx	N/A

## Storage/Coding

- 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 container is, therefore, indefinite.
- An open date code is found on the package.

## Plants

- Port Canaveral, FL

*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.*