MORTON SALT

# PRODUCT DATA SHEET

# Morton® Top Flake Extra Coarse Salt

## Description

- This is a food grade sodium chloride produced by compacting vacuum salt crystals into flat, smooth-surfaced, rectangular aggregates.
- It contains a trace of Yellow Prussiate of Soda (Sodium Ferrocyanide), a water soluble anticaking agent used in accordance with 21 CFR 172.490. Yellow Prussiate of Soda, as an incidental, non-functional additive under 21 CFR 101.100 (a) (3), is exempt from label declaration on foods incorporating the salt.
- This product complies with Food Chemicals Codex tolerances and federal CGMP standards.
- This salt is annually certified as Kosher for Passover.

## Chemical Properties

| Analyte | u/m | Typical | Range | Note |
|---|---|---|---|---|
| Sodium Chloride | % | 99.86 | >=99.70 | 1 |
| Calcium Sulfate | % | 0.066 | <=0.24 | |
| Other Salts | % | 0.068 | <=0.12 | 2 |
| Calcium & Magnesium as Calcium | PPM | 416 | <=875 | |
| Moisture (Surface) | % | 0.021 | <=0.10 | |
| Water Insolubles | PPM | 60 | <=100 | |
| Copper | PPM | 0.06 | <=0.50 | |
| Free Iron | PPM | 0.07 | <=1.0 | |
| Arsenic | PPM | | <=1.0 | |
| Heavy Metals as Lead | PPM | | <=2.0 | |
| Sodium Ferrocyanide | PPM | | 3 - 13 | 3 |

- Note 1. By difference of impurities, moisture-free basis (ASTM Methods).
- Note 2. One or more of the following salts -- calcium chloride, magnesium sulfate, magnesium chloride and sodium sulfate.
- Note 3. Units of measure utilize the following equivalence: 1 ppm = 1 µg/g = 1 mg/kg = 1000 µg/kg = 0.0001 %. YPS is added at <=13 ppm or <=13 mg/kg as anhydrous YPS, which is <=9.1 mg/kg ferrocyanide ion (<=10 mg/kg ferrocyanide ion is specified by Mexico).

## Product Ingredient Declaration

- Salt, Yellow Prussiate of Soda

## Physical Properties

- Range loose (pour) bulk density (g/ml): 0.75 - 1.01
- Range loose (pour) bulk density (lbs/cu.ft.): 47 - 63

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## Particle Size

| Screen | u/m | Typical | Range | Retained/Passing |
|---|---|---|---|---|
| U.S.S. 8 Mesh (2.36 mm opening) | % | 12 | <=17 | Retained |
| U.S.S. 12 Mesh (1.7 mm opening) | % | 45 | | Retained |
| U.S.S. 16 Mesh (1.18 mm opening) | % | 30 | | Retained |
| U.S.S. 20 Mesh (850µm opening) | % | 6 | | Retained |
| U.S.S. 30 Mesh (600µm opening) | % | 3 | | Retained |
| U.S.S. 30 Mesh (600µm opening) | % | | <=15 | Passing |
| Pan | % | 4 | | Retained |

## Codes

| Pack | Material Code | UPC |
|---|---|---|
| 50-Pound Paper Bag | F119540000 | 0 24600 01954 5 |

## 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.
- A plant specific batch code is found on the package.

## Plants

- Rittman, OH

*The data provided herein is based on information we believe to be reliable. It is 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.*

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