MORTON SALT

PRODUCT DATA SHEET

KaliSel Potassium Chloride FCC

with Magnesium Hydroxide Carbonate (0.1 - 0.6 mm)

Description

- This product is a purified grade of granular potassium chloride refined to meet Food Chemicals Codex (Current Edition) standards and is treated with magnesium hydroxide carbonate to inhibit caking and maintain flowability.
- This product also conforms to Codex Alimentarius and (EU) No. 231/2012 (E 508).
- It is annually certified as Kosher for Passover and Halal.
- The crystals are cubical in form, white to crystalline in appearance and odorless.
- Magnesium hydroxide carbonate is water insoluble under neutral or alkaline conditions. It is GRAS and exempt from label declaration on foods incorporating the salt as an incidental, nonfunctional additive under 21 CFR 101.100(a)(3).
- It is a product of Germany.

Notice

- Untreated potassium chloride meets FCC Standard to be neutral to litmus and show no pink color in the presence of phenolphthalein. Solutions of product treated with magnesium carbonate are slightly alkaline and will show a pink reaction to phenolphthalein.

Chemical Properties

FCC Limits

Analyte	u/m	Limits	Typical	Note
Assay (%KCl)	%	>=99.0	99.1	1
Identification		Pass Test	Passes	2
Acid/Alkalinity		Pass Test	Passes	2
Sodium	%	<=0.5	0.2	2
Arsenic	PPM	<=3.0		2
Loss on drying	%	<=1.0	0.1	2
Iodine or Bromide		Pass Test	Passes	2
Heavy metals as Pb	PPM	<=5		2
Mercury	PPM	<=1.0		2
Cadmium	PPM	<=1.0		2
Lead	PPM	<=2.0		2
Magnesium Hydroxide Carbonate	%	<=1.0	0.8	

- Note 1. Dry weight basis, before additive.
- Note 2. Before additives.

Product Ingredient Declaration

- Potassium Chloride, Magnesium Hydroxide Carbonate

Physical Properties

- Typical granulation is 0.1 - 0.6 millimeters (-30 +140 U.S.S. Mesh).

Codes

Pack	Material Code	UPC
50-Pound Bag	F116630001H	0 24600 11663 3
Totes	F1166400xx	N/A

Storage/Coding

- This product is chemically stable and will not support microbial growth. Unconditioned potassium chloride is highly susceptible to caking. Product conditioned with magnesium hydroxide carbonate is very tolerant to dampness and resistant to caking; however, product should be stored in its original closed packaging in a dry (<80% rh), and cool (<86°F [30°C]) area relatively free of air movement. Avoid direct exposure to sunlight.
- A plant specific batch code is printed on the bag.