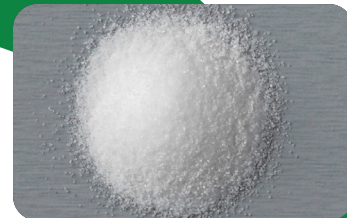


# Potassium Pro®

with Magnesium  
Carbonate



## Product Description

### Potassium Pro® Potassium Salt with Magnesium Carbonate (MgCO<sub>3</sub>)

Potassium Pro® with MgCO<sub>3</sub> is a granular, food grade, odorless, white crystalline salt with a typical saline-like taste. Potassium Pro® with MgCO<sub>3</sub> was developed to meet the needs of food manufacturers for replacement of sodium chloride or potassium enrichment in a wide range of food processing applications. Contains Magnesium Carbonate as an anti-caking agent.

## Product Application

Potassium Pro® with MgCO<sub>3</sub> was developed to meet the needs of food manufacturers for replacement of sodium chloride or potassium enrichment in a wide range of food processing applications.

Potassium Pro® with MgCO<sub>3</sub> offers similar functionality to salt with:

- Salty flavor
- Water holding capacity
- Reduction of water activity

Potassium Pro® with MgCO<sub>3</sub> applications include:

- ham and bacon curing
- beverages
- seasoning blends
- low sodium foods
- bakery products
- margarine
- frozen dough

## Product Certifications

Potassium Pro® meets USDA, FDA and Food Chemicals Codex for food use. Potassium Pro® is certified Kosher for Passover (OU-P) by the Orthodox Union. Potassium Pro® contains no animal products or byproducts.

## Allergen Status

In accordance with the 2004 USA Food Allergen Labeling and Consumer Protection Act (FALCPA), no allergen declarations are required for this product.

## Storage and Shelf Life

Salt products will not spoil or support pathogenic growth. Please see the following information regarding shelf life and storage conditions:

**Shelf Life:** 5 years when stored in optimal conditions.

**Storage Conditions:** Potassium Chloride Products: To improve caking resistance, product should be stored in ambient condition and in a dry, covered area at humidity below 85%.

### Potassium Pro® Potassium Salt

was developed to meet the needs of food manufacturers for replacement of sodium or potassium enrichment in a wide range of food processing applications.

### Potassium Pro® Potassium Salt offers similar functionality to salt with:

#### Taste

Research shows with potassium salt, you can maintain the salty flavor of foods while still reducing sodium content up to 50%.\*



#### Texture

Potassium salt can maintain salt's functional benefits in foods, such as water-binding, crispiness, creaminess, etc.



#### Shelf Life

Salt plays an important role in food safety, and potassium salt can be equally as effective at preserving the shelf life and reducing water activity.



#### Consumer Health

The majority of Americans do not consume enough potassium. By using potassium salt as a sodium reduction solution, food manufacturers help consumers decrease sodium intake and increase potassium intake.



### Potassium Pro® Potassium Salt

can help reduce sodium and increase potassium in your products while maintaining taste and functionality.

Sources: Food Processing: Potassium Salt Improves its Aftertaste  
<http://www.foodprocessing.com/articles/2012/potassium-chloride-improves-aftertaste/>

\*<https://www.cargill.com/salt-in-perspective/benefits-of-reformulating-with-potassium-chloride>

IOM. 2005. Chapter 7 – Potassium. In: Dietary Reference Intakes for Water, Potassium, Sodium, Chloride, and Sulfate. Panel on Dietary Reference Intakes for Electrolytes and Water, Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Food and Nutrition Board, Institute of Medicine (IOM), National Academy of Sciences (NAS), pp. 186-268. Available from: <https://www.nap.edu/read/10925/chapter/7>



Product Configuration

PRODUCT NAME	SAP DESCRIPTION	SAP NUMBER	PALLET COUNT	PALLET PATTERN	PALLET DIMENSION	PALLET WEIGHT (LB)	PACKAGE CUBE (FT³)	PACKAGE DIMENSIONS	GTIN
Potassium Pro® with MgCO <sub>3</sub>									
50 lb. Bag	POT PRO MAG CARB 50LB PA WG	110028323	49	7 tiers of 7	40 x 48 x 36	2505	0.86	27.5 x 13.5 x 4	0 13600 00896 3
20kg Bag	POT PRO MAG CARB 20KG PA WG EX	110034824	49	7 tiers of 7	40 x 48 x 36	1005kg	0.86	27.5 x 13.5 x 4	0 13600 00893 2

CONTACT

Cargill Salt  
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www.cargill.com/salt

Nutritional and Physical Information

CHEMICAL	UNITS	AMOUNT PER 100 GRAMS OF INGREDIENT	PHYSICAL	MIN	TARGET	MAX	PERCENT PARTICLE SIZE DISTRIBUTION (SCREENS)	MIN	TARGET	MAX
Sodium	mg	141	Na (Sodium) (%)	0	0.1	0.5	Sieve - USS 20 Mesh Retained	0	1	20
Calcium	mg	0	Ca & Mg as Ca (%)		0.04		Sieve - USS 30 Mesh Retained		17	
Magnesium	mg	145	Potassium Chloride (%)	99	99.5	100	Sieve - USS 40 Mesh Retained		50	
Iron	mg	< 0.1	Magnesium Carbonate (%)		0.5	1.0	Sieve - USS 70 Mesh Retained		13	
Potassium	mg	50,800	Water Insolubles (%)	0	0.01	0.02	Sieve - USS 100 Mesh Retained		2	
			Bulk Density (#cu/ft)	60	65	84	Sieve - Retained on Pan	0	1	20
			Bulk Density (g/l)	960	1040	1345				
			Surface Moisture (%)	0	0.03	0.1				

Improve your nutrition labels

Product A

Contains traditional salt only.

**Nutrition Facts**  
Serving Size 27 pieces (30g)  
Servings Per Container 12

Amount Per Serving	
Calories 110	Calories from fat 50
	% Daily Value
Total Fat 6g	9%
Saturated Fat 3g	15%
Trans Fat 0g	
Cholesterol 5mg	2%
Sodium 250mg	10%
Potassium 10mg	0%
Total Carbohydrate 12g	4%
Dietary Fiber 0g	0%
Sugars 0g	
Protein 3g	
Vitamin A 2%	Vitamin C 0%
Calcium 4%	Iron 2%

\* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

	Calories	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:  
Fat 9 • Carbohydrate 4 • Protein 4

Ingredients: Wheat Flour, Wheat Flour Enriched (Niacin, Reduced Iron, Thiamine Mononitrate, Riboflavin, Folic Acid), Malted Barley Flour, Cheddar Cheese, Water, Vegetable Oil (Palm Or Cottonseed), Yeast, Salt, Spices.

Product B\*

Replaces some of the salt with potassium salt to reduce sodium levels.

**Nutrition Facts**  
Serving Size 27 pieces (30g)  
Servings Per Container 12

Amount Per Serving	
Calories 110	Calories from fat 50
	% Daily Value
Total Fat 6g	9%
Saturated Fat 3g	15%
Trans Fat 0g	
Cholesterol 5mg	2%
Sodium 170mg	7%
Potassium 115mg	3%
Total Carbohydrate 12g	4%
Dietary Fiber 0g	0%
Sugars 0g	
Protein 3g	
Vitamin A 2%	Vitamin C 0%
Calcium 4%	Iron 2%

\* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

	Calories	2,000	2,500
Total Fat	Less than	65g	80g
Sat Fat	Less than	20g	25g
Cholesterol	Less than	300mg	300mg
Sodium	Less than	2,400mg	2,400mg
Total Carbohydrate		300g	375g
Dietary Fiber		25g	30g

Calories per gram:  
Fat 9 • Carbohydrate 4 • Protein 4

Ingredients: Wheat Flour, Wheat Flour Enriched (Niacin, Reduced Iron, Thiamine Mononitrate, Riboflavin, Folic Acid), Malted Barley Flour, Cheddar Cheese, Water, Vegetable Oil (Palm Or Cottonseed), Yeast, Salt, Potassium Chloride, Spices.

The 2015 Dietary Guidelines for Americans recommend decreasing sodium intake to less than 2,300 mg per day and increasing potassium intake to 4,700 mg per day, as part of a healthy eating pattern and lifestyle.<sup>1</sup>

<sup>1</sup>health.gov/dietaryguidelines/2015/guidelines/executive-summary

Why Cargill?

- Salt products are an integral part of Cargill – one of the world’s largest food ingredient providers and a recognized leader in the food processing industry.
- Our products go well beyond standard and high purity salt: Our Alberger® brand, Microsized®, Premier™, CMF®, sea salts, and our sodium reduction solutions such as Potassium Pro® and FlakeSelect®, make up the most extensive product line in the Industry.
- All products are produced under HACCP manufacturing practices and audited by a third party food safety firm.
- We offer full EDI capabilities for customers who need to exchange information via Electronic Data Interchange and the only online ordering portal in the industry, [www.cargillsaltstore.com](http://www.cargillsaltstore.com).
- Cargill’s nationwide distribution capabilities, combined with the best logistics and customer service specialists in the business, ensure that you get the right salt at the right time.



[www.cargillsaltstore.com](http://www.cargillsaltstore.com) Customer Service: (800) 377-1017

All specifications are approximate. Please contact your broker or Cargill representative for exact specifications.

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SALT-3967 (5/25)

[www.cargillsalt.com](http://www.cargillsalt.com)  
[www.cargillsaltstore.com](http://www.cargillsaltstore.com)

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