

PRODUCT INFORMATION

SODIUM BICARBONATE

2438

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AB Mauri Food Inc. 4240 Duncan Ave., Suite 150 St. Louis, MO 63110 www.abmna.com	800-772-3971 Client Services	Because of the numerous factors affecting results, all of our products are sold with the understanding that consumers make their own test to determine suitability of our products. Statements contained herein should not be construed as representations, guarantees or warranties, expressed or implied, of any kind.	

SODIUM BICARBONATE

AB Mauri Bakery Ingredients Product Code 2438.

DESCRIPTION: AB Mauri Sodium Bicarbonate is a chemical leavening agent, also referred to as baking soda, and is designed to:

- Provide a source of leavening
- Classified as Type 1 soda designed to hydrate faster than standard baking sodas
- Provide a source of carbon dioxide when used in conjunction with acidifying agents
- Control the flavor and color of the end baked product
- Control pH levels in the dough and baked product

APPLICATIONS & USAGE: AB Mauri Sodium Bicarbonate is recommended for use in, but not limited to, biscuits, cookies, crackers, pretzels, baking powders, self-rising flours, and prepared cake mixes. Suggested usage levels based on 100-lbs. flour are:

- Cookies 0.25 - 2.0%.
- Crackers 0.50 - 2.0%

INGREDIENTS: Sodium Bicarbonate

SPECIFICATIONS:

Color	White to off-white
Form	Free Flowing Crystalline Powder
Assay (NaHCO ₃)	99.0% - 100.5%
Moisture (LOD)	0.25% maximum
Particle Size:	
On US Screen #200	30% - 40%
On US Screen #325	70% - 75%

PACKAGING:

Product Code 2438 2 lb (0.9 kg) box (case of 12)

STORAGE: A shelf life of thirty six months can be obtained when stored unopened in a cool, dry area.

KOSHER: This product is certified Kosher.

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SODIUM BICARBONATE

BIOENGINEERING/GENETIC ENGINEERING* STATEMENT: The raw material present in this product is sourced and derived from non-bioengineered or non-genetically engineered sources.

*The terms “genetic engineering” and “(non-)genetically engineered” shall have the meanings given to such terms in the U.S. Food and Drug Administration’s “Guidance for Industry: Voluntary Labeling Indicating Whether Foods Have or Have Not Been Derived from Genetically Engineered Plants” and the Canadian General Standard Board’s National Standard, “Voluntary Labeling Indicating Whether Foods Have or Have Not Been Derived from Genetically Engineered Plants”, and any amendments or replacements to or of the foregoing.

Should you have any questions about this Bioengineering or Genetic Engineering Statement, feel free to submit your questions via our website at www.abmna.com/contact, and a qualified AB Mauri representative will respond to your questions.

Note: All customers should contact and rely upon their legal representatives to provide direction on the proper and lawful labeling of their products when using this AB Mauri product.

ORGANIC STATEMENT: The substance present in this product is permitted (i) by the USDA National Organic Program (Organic Foods Production Act and 7 CFR part 205, including without limitation the National List at 7 CFR part 205, subpart G) and (ii) as set forth in CAN/CGSB 32.310, and such substances are used in the manner described in those standards. The processing, production, packaging and labelling methods used for this product and the control mechanisms in place comply with the requirements set out in the NOP and CAN/CGSB 32.310, and with the general principles respecting organic production set out in those standards. All non-organic constituents are NOP compliant. This product may be used in 95% organic products when used in compliance with the NOP. However, because this product is not certified organic, it should be considered as part of the 5% non-organic, non-certified materials.

Please consult your legal department on the labeling of your final bakery product.

FDA BIOTERRORISM REGISTRATION: AB Mauri is compliant with all aspects of FDA’s regulations and has registered with the FDA all of our food manufacturing and warehouse facilities that produce or hold food intended for consumption within the United States in accordance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (Bioterrorism Act) and the Food and Drug Administration’s regulations (21 CFR Part 1 Subpart H). This includes the registration of food facilities and maintenance of records.

We also require our suppliers to assure their compliance with the provisions of the Bioterrorism act and FDA’s regulations to ensure all our raw materials are similarly compliant.

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SODIUM BICARBONATE

AB Mauri values the partner relationship with its customers. If you have any questions, please feel free to contact us.

COUNTRY OF ORIGIN: Food Safety is high priority at AB Mauri. As a global food company, we source raw materials and finished products from various countries throughout the world. Suppliers’ production and food safety principles are reviewed and audited prior to purchase to ensure safe supply of their products to our plants. These steps, along with precautions during the production and packaging of our final products, assure products delivered to our customers are considered safe and wholesome.

Please be advised that Sodium Bicarbonate is distributed by AB Mauri, and is manufactured in the USA.

LIABILITY DISCLAIMER: AB Mauri makes representations, warranties, covenants, and guarantees about this product under AB Mauri’s Terms and Conditions of Sale, in AB Mauri’s Continuing Product Guarantee, or in a mutually executed written agreement between the parties. Because of numerous factors outside of AB Mauri’s control that can affect a customer’s results in using this product, customers are solely responsible for determining whether this product is fit for the customers’ ordinary and particular uses, and the customer is responsible for the results it obtains when using this product. Nothing contained in this product booklet shall be construed as AB Mauri’s express representations, warranties, covenants, or guarantees about this product. AB Mauri disclaims all express warranties and all implied warranties available under applicable laws or at common law, including without limitation, the implied warranties of merchantability, non-infringement, fitness for particular purpose, and course of dealing or trade.

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**SODIUM BICARBONATE
ALLERGEN AND FOOD SENSITIVITY INFORMATION**

Ingredients: sodium bicarbonate

	Column I	Column II	Column III	Column IV
<i>Component</i>	Present in the product	Provide specific food source in the product	Present in the other products manufactured on the same line	Present in the same manufacturing plant
Crustaceans/Shellfish	NO	N/A	NO	NO
Fish Products	NO	N/A	NO	NO
Egg Products	NO	N/A	NO	NO
Milk and Dairy Products	NO	N/A	NO	NO
Soy Products	NO	N/A	NO	NO
Peanut Products (Includes peanut oil)	NO	N/A	NO	NO
Tree Nuts	NO	N/A	NO	NO
Wheat Products	NO	N/A	NO	NO
Barley Products	NO	N/A	NO	NO
Oat Products	NO	N/A	NO	NO
Rye Products	NO	N/A	NO	NO
Triticale Products	NO	N/A	NO	NO
Kamut Products	NO	N/A	NO	NO
Spelt Products	NO	N/A	NO	NO
Safflower Products	NO	N/A	NO	NO
Sesame Seeds	NO	N/A	NO	NO
Sunflower Products	NO	N/A	NO	NO
Corn Products	NO	N/A	NO	NO
Sulfites (List ppm)	NO	N/A	NO	NO
BHA	NO	N/A	NO	NO
BHT	NO	N/A	NO	NO
Tocopherols	NO	N/A	NO	NO
FD&C Colors	NO	N/A	NO	NO
MSG	NO	N/A	NO	NO
Hydrolyzed Plant Protein	NO	N/A	NO	NO
Mustard Seeds	NO	N/A	NO	NO

NOTE: Refined oils are considered non-allergenic substances. (The FDA Food Allergen Labeling and Consumer Act of 2004).

Effective procedures are in place to avoid cross contamination of the product with the allergens not present in the product but noted in Columns III and IV.

SODIUM BICARBONATE NUTRITIONAL INFORMATION

The results below are typical and are reported on a “per 100 gram basis.”

Nutrients	Per 100g	Nutrients	Per 100g
Basic Components		Vitamin B3 - Niacin Equiv (mg)	0
Calories (kcal)	0	Vitamin B6 (mg)	0
Calories from SatFat (kcal)	0	Folate, DFE (mcg DFE)	0
Fat (g)	0	Folic Acid (mcg)	0
Saturated Fat (g)	0	Vitamin B12 (mcg)	0
Poly Fat (g)	0	Biotin (mcg)	0
Mono Fat (g)	0	Pantothenic Acid (mg)	0
Trans Fatty Acid (g)	0	Minerals	
Cholesterol (mg)	0	Sodium (mg)	26700.00
Carbohydrates (g)	0	Fluoride (mg)	0
Total Sugars (g)	0	Calcium (mg)	5.19
Added Sugar (g)	0	Iron (mg)	0.10
Protein (g)	0	Potassium (mg)	5.00
Water (g)	1.00	Phosphorus (mg)	0.20
Ash (g)	99.00	Iodine (mcg)	0
Dietary Fiber (2016) (g)	0	Magnesium (mg)	2.33
Soluble Fiber (2016) (g)	0	Zinc (mg)	0.01
Insoluble Fiber (2016) (g)	0	Selenium (mcg)	0
Vitamins		Copper (mg)	0.10
Vitamin D - mcg (mcg)	1.25	Manganese (mg)	0.10
Vitamin A - RAE (mcg)	0	Chromium (mcg)	0.02
Beta-Carotene (mcg)	0	Molybdenum (mcg)	0
Vitamin C (mg)	0.95	Chloride (mg)	0
Vitamin E - Alpha-Toco (mg)	0	Other Nutrients	
Vitamin K (mcg)	0	Sugar Alcohol (g)	0
Vitamin B1 (mg)	0	Choline (mg)	0
Vitamin B2 (mg)	0		

Note: Nutritional information reported is calculated through Genesis R&D and is based on information provided by ingredient suppliers.

**SODIUM BICARBONATE
LOT CODE DESCRIPTION AND
PACKAGE / PALLET CONFIGURATION**

LOT CODE EXAMPLE:

Thirteen Digit Alpha-numeric lot code: i.e. N070822PS

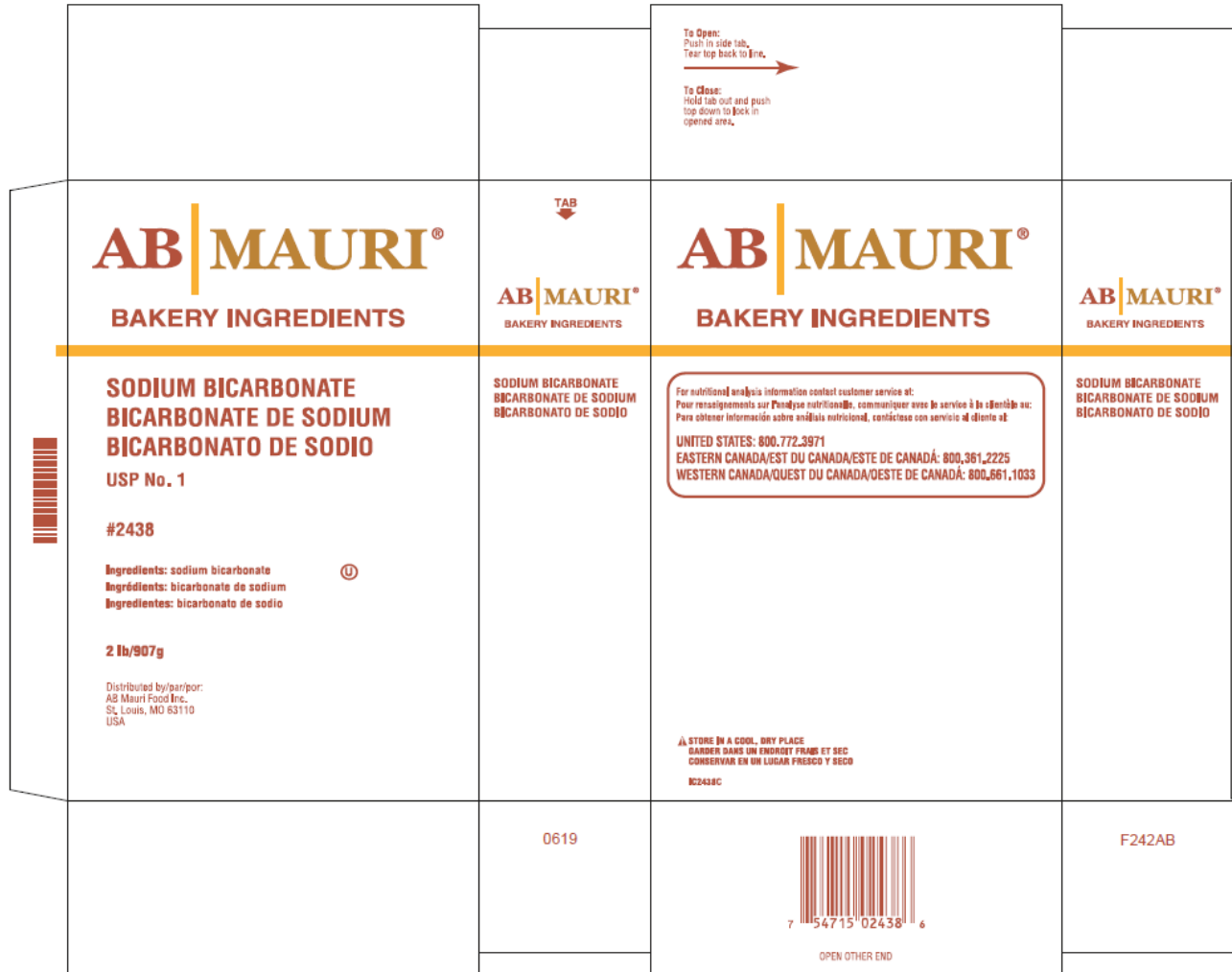
To be read as follows:

N	Internal Code
07	Month
08	Day
22	3 Year Best if Used By
P	Facility
S	Shift

PACKAGE / PALLET CONFIGURATION:

Product Category	Leaveners
Product Name	Sodium Bicarbonate
Product Code #	2438
Lot Code	NMMDDYYPS
Shelf Life (in months)	36
Cubic Feet (Bag)	0.52
Length (Inches)	14.13
Width (Inches)	8.94
Height (Inches)	7.13
Units per Cs/Bag	12
Net Package Size (Lbs)	26
Gross Package Weight (Lbs)	27.5
Net Pallet Weight (Lbs)	1980
Gross Pallet Weight (Lbs)	2025
Pallet Cubic Feet	32.22
Pallet Length (Inches)	48
Pallet Width (Inches)	40
Pallet Height (Inches)	29
Amount per Row	12 (3x4)
# of Rows per Pallet	6
Package per Pallet	72
Pallet Type	Grade A

**SODIUM BICARBONATE
 PACKAGE ARTWORK**



**SODIUM BICARBONATE
 SAFETY DATA SHEET**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: AB Mauri Sodium Bicarbonate
 General Use: AB Mauri Sodium Bicarbonate is a free-flowing baking soda designed to provide a source of leavening, to provide a source of carbon dioxide, and to assist in controlling pH levels in the dough and baked product.
 Product Code: 2438
 Chemical Family: Leaveners

DISTRIBUTOR:

AB Mauri Food, Inc.
 4240 Duncan Ave., Suite 150
 St. Louis, MO 63110

EMERGENCY TELEPHONE NUMBERS:

During Regular Business Hours +1-314-392-0800
 Hours: 8:00 AM – 5:00 PM CST
 After Regular Business Hours +1-800-772-3971

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White powder

IMMEDIATE CONCERNS: Low hazard for usual industrial or commercial handling.

POTENTIAL HEALTH EFFECTS

EYES: Dust may irritate eyes.

SKIN: May cause skin irritation.

INGESTION: May irritate gastrointestinal tract.

INHALATION: May be irritating to respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Dust, in high concentrations, may cause irritation.

SKIN: Dust, in high concentrations, may cause irritation.

INGESTION: Dust, in high concentrations, may cause irritation.

INHALATION: Dust, in high concentrations, may cause irritation.

ACUTE EFFECTS: Nuisance dust, may cause unpleasant deposits in nasal passages or slightly obstruct vision.

MEDICAL CONDITIONS AGGRAVATED: None known

ROUTES OF ENTRY: Skin, eye, and respiratory contact

TARGET ORGANS: None known

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Sodium hydrogen carbonate	CAS Registry # 144-55-8	100%
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4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Wash with soap and water.

INGESTION: If conscious, give large amounts of water to dilute stomach contents. Get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

NOTES TO PHYSICIAN: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flashpoint and Method: Not Established

Autoignition Temperature: Not Established

FLAMMABLE CLASS: Not flammable.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical powder, water, or appropriate foam.

EXPLOSION HAZARDS: None known

FIRE FIGHTING EQUIPMENT: Wear self-contained breathing apparatus and fire fighting protective equipment.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Clean up spills immediately, observing precautions in Protective Equipment section. Vacuum or sweep up material and place in a disposal container. Wear a self-contained breathing apparatus and appropriate personal protective equipment. After removal, flush contaminated area thoroughly with water. Avoid runoff into storm sewers and ditches, which lead to waterways.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

HANDLING: Minimize dust generation and accumulation.

STORAGE: Store in a cool dry place. Store in a tightly closed container.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep airborne concentrations low.
 PERSONAL PROTECTION
 EYES AND FACE: Wear appropriate protective eyewear or chemical safety glasses.
 SKIN: Wear appropriate protective gloves to prevent skin exposure.
 RESPIRATORY: Good general ventilation should be sufficient to control airborne levels.
 PROTECTIVE CLOTHING: Wear appropriate protective clothing to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
 Odor: Odorless
 pH: Not Determined
 Melting Point: 300°C
 Solubility in Water: Moderately Soluble
 Specific Gravity: 2.519

10. STABILITY AND REACTIVITY

STABLE: Yes
 HAZARDOUS POLYMERIZATION: No
 CONDITIONS TO AVOID: Avoid moisture and high temperatures.
 HAZARDOUS DECOMPOSITION: Forms carbon monoxide and carbon dioxide upon combustion or decomposition.
 INCOMPATIBLE MATERIALS: Strong oxidizing agents and strong acids.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:
 IARC: Not listed
 NTP: Not listed
 OSHA: Not listed

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 SAFETY DATA SHEET**

12. ECOLOGICAL INFORMATION

Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

Technical Name: Sodium bicarbonate
 Hot Hazard: No
 Combustible Class: No

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 Hazard Categories: Not listed

313 Reportable Ingredients: Not listed

Title III Notes: Not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA Regulatory: Not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA Regulatory: Listed on the TSCA Inventory.

TSCA Status: TSCA Test Submission (TSCATS) Data Base

CANADA

CANADIAN ENVIRONMENTAL PROTECTION ACT:

Listed on DSL/NDSL list

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16. OTHER INFORMATION

NFPA CODES

Fire: 0 Health: 1 Reactivity: 0

MANUFACTURER DISCLAIMER:

PRODUCT IS FOOD GRADE AND IS MANUFACTURED UNDER UNITED STATES FOOD AND DRUG ADMINISTRATION REGULATIONS.

The information contained herein is complete and accurate to the best of our knowledge based upon the information currently available to us. AB Mauri uses many sources and references in gathering this information. AB Mauri cannot guarantee completeness or accuracy of this information and such information should be used only as a guide. AB Mauri disclaims all liability for handling or use of the above product. Date or preparation or last revision given in footer below.

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