



CHURCH & DWIGHT CO., INC.

469 North Harrison Street
Princeton, NJ 08543-5297

800.833.0544
www.ahperformance.com

To Whom It May Concern:

Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate USP Ingredient Declaration

Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate USP contains:

Sodium Bicarbonate 100.0%

If you have any questions or comments, please feel free to contact me.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
robert.berube@churchdwright.com

Reviewed: January 19, 2015

**TRUSTED BRAND.
PROVEN PERFORMANCE.**

Performance Products Group



CHURCH & DWIGHT CO., INC.

469 North Harrison Street
Princeton, NJ 08543-5297

800.221.0453
www.ahperformance.com

January 19, 2016

To Whom It May Concern:

Re: Aluminum in Church & Dwight Co., Inc. Sodium Bicarbonate

This letter confirms that Church & Dwight Co., Inc. Sodium Bicarbonate is prepared without the use of aluminum or aluminum compounds.

Aluminum is not part of the regular Sodium Bicarbonate USP specification, but it is limited for a different end use that Church & Dwight supplies regularly. (It is tested daily.) For that application, a 2ppm limit test is employed, and Church & Dwight Sodium Bicarbonate is always below that level.

The product is also tested on a less frequent basis for Aluminum at sub-ppm level (<0.3ppm) and meets this requirement as well.

Regards,

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To Whom It May Concern:

**Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate and Sodium Bicarbonate Blends
FDA Registration, Good Manufacturing Practices (GMP), Generally Recognized as Safe (GRAS) Status, Quality System
Certification**

Church & Dwight Co., Inc. manufactures Sodium Bicarbonate, USP at two plants are registered with the FDA as bulk drug manufacturing sites. (Old Fort, Ohio Plant: FDA Reg. # 1525647/CIN; Green River, Wyoming Plant: FDA Reg. # 1713902/DEN) Both plants conform to current Good Manufacturing Practices.

In addition, both locations are certified to comply with ISO 9001:2008 requirements (Cert. FM28259, BSI Management Systems).

All packaging materials used by Church & Dwight Co., Inc. conform to the FDA requirements under Title 21 of the Code of Federal Regulations regarding food contact.

Sodium Bicarbonate is affirmed as a Generally Recognized as Safe Direct Food Substance with no limitation other than current good manufacturing practice (21 CFR 184.1736).

Calcium Phosphate, the flow aid included in Sodium Bicarbonate TFF (Treated Free Flowing) Grade is also an FDA GRAS material referenced in 21 CFR 182.1217.

Silicon Dioxide, blended in Tortilla Blend Sodium Bicarbonate is an FDA GRAS material as referenced in 21 CFR 172.480.

Church & Dwight Co., Inc. sodium bicarbonate manufacturing plants have a Product Protection Plan (HACCP) that employs metal detection and magnets in critical areas of the process. The process for producing sodium bicarbonate is completely enclosed and continuous, considerably reducing the risk of contamination.

If you have any questions or comments, please feel free to contact me.

Regards,

Robert G. Berube
Manager, Technical Service
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Reviewed: January 19, 2015

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To Whom It May Concern:

Re: Church & Dwight Co., Inc. Arm & Hammer™ Bicarbonate Products Lot Codes

Lot codes for Church & Dwight Bicarbonate products adhere to the following format:

XXYDDD

Where:

XX is a two letter designation for the plant.

Y is the last digit of the year of manufacture.

DDD is the Julian date of manufacture.

Plant Designation	Plant	Products Produced
FF	Old Fort	Sodium Bicarbonate, All Grades Flow K™ Food Grade Potassium Bicarbonate
WW	Green River	Sodium Bicarbonate, All Grades

Ammonium Bicarbonate produced in Germany uses a unique and traceable 10 character code. Each bag is explicitly marked treated or untreated.

If you have any questions or comments, please feel free to contact me.

Regards,

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Reviewed: January 19, 2015

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The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Thursday, June 11, 2015** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text.

Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?>

[CompanyName=Church&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=Church&)

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Church & Dwight Co., Inc.

469 North Harrison Street

Princeton, NJ 08543-5297

United States

609-497-7282

Visit this company's website

<http://www.ahperformance.com>

Facility : Old Fort, OH

Sodium Bicarbonate

Trade Designation

Alkalinity First™

Product Function

Corrosion & Scale Control
pH Adjustment

Max Use

200mg/L

Arm & Hammer™ Sodium Bicarbonate

Corrosion & Scale Control

200mg/L

Treated No. 1 Powdered Industrial Grade	pH Adjustment Corrosion & Scale Control	200mg/L
Sodium Bicarbonate USP Grade 1	pH Adjustment Corrosion & Scale Control	200mg/L
Sodium Bicarbonate USP Grade 2	pH Adjustment Corrosion & Scale Control	200mg/L
Sodium Bicarbonate USP Grade 5	pH Adjustment Corrosion & Scale Control	200mg/L

Facility : Green River, WY

Sodium Bicarbonate

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Alkalinity First™	Corrosion & Scale Control pH Adjustment	200 mg/L
Arm & Hammer Baking Soda	Corrosion & Scale Control pH Adjustment	200 mg/L
Arm & Hammer™ Sodium Bicarbonate Treated No. 1 Powdered Industrial Grade	Corrosion & Scale Control pH Adjustment Corrosion & Scale Control pH Adjustment	200mg/L 200 mg/L
Sodium Bicarbonate USP Grade 1	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Bicarbonate USP Grade 2	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Bicarbonate USP Grade 5	Corrosion & Scale Control pH Adjustment	200mg/L

Number of matching Manufacturers is 1

Number of matching Products is 13

Processing time was 0 seconds



CHURCH & DWIGHT CO., INC.

469 North Harrison Street
Princeton, NJ 08543-5297

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To Whom It May Concern:

Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate USP Residual Solvents Statement

Church & Dwight Co., Inc. Sodium Bicarbonate USP, does not require Residual Solvents testing under the USP <467> Organic Volatile Impurities / Residual Solvents stipulation.

No Class 1, Class 2 Class 3 or other solvents are used in the manufacturing process. Further, based on our knowledge of the manufacturing process and procedures, and controlled handling and storage of the sodium bicarbonate, there is no potential for residual solvents to be present if tested.

The sodium bicarbonate manufacturing process begins with the dissolution of sodium carbonate in purified water. Carbon dioxide is bubbled through the sodium carbonate solution and sodium bicarbonate is formed. The sodium bicarbonate is recovered as a wet cake. Water is removed from the sodium bicarbonate mechanically in a centrifuge and finally by drying.

If you have any questions or comments, please feel free to contact me.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
robert.berube@churchdwright.com

Reviewed: January 19, 2015

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Performance Products Group



Church & Dwight Co., Inc.
Specialty Products Division
469 North Harrison Street
Princeton, New Jersey 08543-5297



Chemical Co., Inc.

501 Chesapeake Park Plaza
Baltimore MD 21220
410-574-4500 Fax: 410-391-6665



August 10, 2007

To Whom It May Concern:

Church & Dwight Co., Inc. is pleased to advise that all grades of Sodium Bicarbonate USP and Sodium Bicarbonate blends it produces are completely inorganic. The dedicated equipment used in manufacturing and packing is closed and no opportunity exists for cross-contamination with plant or animal products.

Gluten is not used in the manufacture of sodium bicarbonate or its blends.

Regards,

Robert G. Berube
Manager, Technical Service
robert.berube@churchdwight.com
609 279 7553



CHURCH & DWIGHT CO., INC.

469 North Harrison Street
Princeton, NJ 08543-5297

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www.ahperformance.com

May 6, 2016

To Whom It May Concern:

Re: Church & Dwight Co., Inc. Sodium Bicarbonate USP FCC, and Food Grade Blends Gluten Content

Church & Dwight Co., Inc. is pleased to advise that all grades of Sodium Bicarbonate USP and Sodium Bicarbonate blends it produces at the Old Fort and Green River facilities are completely inorganic.

Gluten is not used in the manufacture of sodium bicarbonate or its blends.

The dedicated equipment used in manufacturing, storage and packing is closed and no opportunity exists for cross-contamination with plant or animal products.

Regards,

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April 4, 2016

To Whom It May Concern:

Re: Irradiation Statement

The Church & Dwight Co., Inc. Arm & Hammer™ Brand products listed below do not undergo irradiation processes at any time during their manufacture and packaging.

Sodium Bicarbonate USP – all grades
Sodium Bicarbonate Grade 1 TFF
Tortilla Blend™ Sodium Bicarbonate
Flow K™ Potassium Bicarbonate
Ammonium Bicarbonate
Ammonium Bicarbonate Treated

Please feel free to contact me with any questions.

Regards,

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