



CHURCH & DWIGHT CO., INC.

500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
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: February 16, 2024



CHURCH & DWIGHT CO., INC.

500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
www.ahperformance.com

February 16, 2024

Re: Animal Testing of Church & Dwight Co., Inc. Bicarbonate Products

Please be advised that Church & Dwight Co., Inc. has not conducted animal testing since at least 2001 on our Sodium Bicarbonate, Potassium Bicarbonate or Ammonium Bicarbonate materials (all grades).

Church & Dwight's corporate policy on animal testing can be found here:

<https://churchdwight.com/our-brands/animal-testing-policy.aspx>

Feel free to contact me with any questions.

Regards,

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



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500 Charles Ewing Boulevard
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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 **Sodium and Potassium Bicarbonate** products adhere to the following format:

XXYDDD

Where:

XX is a two letter designation for the manufacturing location.

Y is the last digit of the year of manufacture.

DDD is the Julian day of manufacture.

Trailing digits may indicate shift, etc.

Plant Designation	Plant	Products Produced
FF	Old Fort, OH	Sodium Bicarbonate, USP Grades Sodium Bicarbonate Treated No. 1 Tortilla Blend Sodium Bicarbonate Alkalinity First Sodium Bicarbonate Sodium Bicarbonate Industrial Grade Pool Pack Sodium Bicarbonate Flow K™ Potassium Bicarbonate
WW	Green River, WY	Sodium Bicarbonate, USP Grades Sodium Bicarbonate Treated No. 1 Alkalinity First Sodium Bicarbonate Sodium Bicarbonate Industrial Grade
PS		Micronized Sodium Bicarbonate
BK		Compacted Sodium Bicarbonate

Regards,

Robert G. Berube

Revised: February 16, 2024



CHURCH & DWIGHT CO., INC.

500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
www.ahperformance.com

To Whom It May Concern:

Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate and Sodium Bicarbonate Blends Storage and Handling

Store sodium bicarbonate in a cool dry area, away from incompatible substances such as strong acids and bases. Sodium bicarbonate reacts with acids to yield carbon dioxide gas which can accumulate in confined spaces. Sodium bicarbonate decomposes at elevated temperatures (above 100°F) to produce sodium carbonate, carbon dioxide and water.

Sodium bicarbonate must be stored separately from all toxic or other hazardous products. Sodium bicarbonate is a superior odor absorber and should be kept separate from all products with odors.

Sodium bicarbonate may be stacked on pallets or racks. It is recommended that pallet stacks not exceed three high to reduce compaction. Shipments of pallets should be single stacked and the condition of the shipping vehicle checked for cleanliness and odor. If a bag is torn during warehouse handling or vehicle loading, the bag should be removed from the unit and disposed of, especially in the case of food grades.

Product should be stored away from walls in a clean warehouse. The use of any chemical fumigant not approved by a manufacturer for food applications is prohibited. The use of ethylene dibromide (EDB) is specifically prohibited for fumigation in warehouses storing sodium bicarbonate.

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: February 16, 2024



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500 Charles Ewing Boulevard
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February 16, 2024

To Whom It May Concern:

Re: Church & Dwight Co., Inc. Old Fort OH and Green River WY facilities Food Defense Program (Site Security)

This letter confirms that regular, appropriate site evaluations are conducted at the Church & Dwight Co., Inc. Green River, Wyoming and Old Fort, Ohio facilities and Food Defense programs have been implemented at both locations.

The programs include employee background checks, restricted access to the sites, physical security including perimeter fencing and keypad / keycard locks, integrity management of incoming materials, seals on outgoing materials, visitor identification and control.

Feel free to contact me with any questions.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
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CHURCH & DWIGHT CO., INC.

500 Charles Ewing Boulevard
Ewing, New Jersey 08628

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www.ahperformance.com

February 16, 2024

To Whom It May Concern:

Re: STATEMENT OF COMPLIANCE WITH SLAVERY AND HUMAN TRAFFICKING LAWS

Church & Dwight Co., Inc. hereby acknowledges that all bicarbonate materials supplied are produced in facilities that comply with all local and federal laws regarding slavery and human trafficking. This certification applies to all facilities our organization currently uses or may use for the production of these materials both in the United States and in other nations.

More detailed information can be found on our corporate website:

<https://churchdwight.com/responsibility/uk-modern-slavery-act-disclosure.aspx>

Feel free to contact me with any questions.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
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CHURCH & DWIGHT CO., INC.

500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
www.ahperformance.com

February 16, 2024

To Whom It May Concern:

Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate, and Sodium Bicarbonate Blends, Arm & Hammer Flow K™ Potassium Bicarbonate, and Arm & Hammer Ammonium Bicarbonate – Prohibited Substances

Please be advised that the referenced Arm & Hammer brand Sodium Bicarbonates, Potassium Bicarbonate and Ammonium Bicarbonates do not contain any substances found on the List of Prohibited Substances of the World Anti-Doping Agency currently in force (found at <https://www.wada-ama.org/en/prohibited-list>), the NFL/NFLPA Policy on Performance-Enhancing Sustances or the NCAA Banned Substances.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
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500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
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February 16, 2024

To Whom It May Concern:

Re: Conflict Minerals

Church & Dwight Co. Inc. is pleased to advise that its Arm & Hammer™ Sodium Bicarbonate, Flow K™ Potassium Bicarbonate and Ammonium Bicarbonate are not manufactured using any of the so-called Conflict Minerals:

- columbite/tantalite, also known as coltan (tantalum, niobium)
- cassiterite (tin)
- wolframite (tungsten)
- gold
- or the derivatives of each of these minerals.

Feel free to contact me with any questions.

Regards,

Robert G. Berube
Manager, Technical Service
609 806 1965
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500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
www.ahperformance.com

February 16, 2024

Re: Animal Testing of Church & Dwight Co., Inc. Bicarbonate Products

Please be advised that Church & Dwight Co., Inc. has not conducted animal testing since at least 2001 on our Sodium Bicarbonate, Potassium Bicarbonate or Ammonium Bicarbonate materials (all grades).

Church & Dwight's corporate policy on animal testing can be found here:

<https://churchdwight.com/our-brands/animal-testing-policy.aspx>

Feel free to contact me with any questions.

Regards,

Robert G. Berube
Manager, Technical Service
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500 Charles Ewing Boulevard
Ewing, New Jersey 08628

(800) 221-0453
www.ahperformance.com

To Whom It May Concern:

**Re: Church & Dwight Co., Inc. Arm & Hammer™ Sodium Bicarbonate and Sodium Bicarbonate Blends
US Food and Drug Administration (US FDA) Registration of Manufacturing Plants, Good Manufacturing
Practices (GMP)**

Church & Dwight Co., Inc. manufactures Sodium Bicarbonate USP at two US locations, Green River, Wyoming and Old Fort, Ohio. Both facilities are registered with US FDA as Drug Establishments.

	<u>Facility Establishment Identifier</u>	<u>DUNS</u>
Green River, WY	1713902	785302451
Old Fort, OH	1525647	97622153

As food facilities, both locations are registered with US FDA as noted below and are otherwise current with the requirements under the Food Safety Modernization Act (FSMA).

	<u>Registration Date</u>	<u>Expiration Date</u>
Green River, WY	December 1, 2022	December 31, 2024
Old Fort, OH	December 2, 2022	December 31, 2024

In addition, The Old Fort OH facility is registered under the Generic Drug User Fee Act (GDUFA) as a manufacturer of an Active Pharmaceutical Ingredient used in generic drugs.

Both plants conform to current Good Manufacturing Practices detailed in 21 CFR Parts 210 & 211, ICH Q7 and 21 CFR 117. 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: February 16, 2024



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,

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

**TRUSTED BRAND.
PROVEN PERFORMANCE.**

Performance Products Group



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 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
609 806 1965
robert.berube@churchdwright.com

Reviewed: January 19, 2015

**TRUSTED BRAND.
PROVEN PERFORMANCE.**

Performance Products Group



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

Trade Designation

Alkalinity First™

Product Function

Corrosion & Scale Control
pH Adjustment

Max Use

200 mg/L

Arm & Hammer Baking Soda

Corrosion & Scale Control
pH Adjustment

200 mg/L

Arm & Hammer™ Sodium Bicarbonate

Corrosion & Scale Control
pH Adjustment

200mg/L

Treated No. 1 Powdered

Corrosion & Scale Control
pH Adjustment

200 mg/L

Industrial Grade

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

800.833.0544
www.ahperformance.com

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

**TRUSTED BRAND.
PROVEN PERFORMANCE.**

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

800.221.0453
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,

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

**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

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,

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

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