

SEPTEMBER 16, 2026



AMMONIUM BICARBONATE FOOD GRADE TREATED DATA PACKAGE

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Letter to Our Customers

Dear Valued Customer,

Over the past few years, Esseco USA has received a significant increase in the number of questionnaires, surveys, and document requests from our customers.

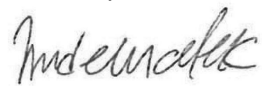
Most of these requests focus on the same product, manufacturing, quality, and safety issues.

Moving forward, we will be unable to complete each customer's specific documentation requests.

In order to respond to all of these varied types of requests, Esseco USA has generated a comprehensive product specific Data Package (Data Pack) that will provide most if not all of the requested information.

We are confident that this Data Pack will ensure that consistent information is provided in a timely and efficient manner. The Data Pack is updated annually to ensure all data is accurate, and additionally the Data Pack will be updated in reaction to major regulatory changes.

Sincerely



Esseco USA Technical Services

All statements, information, and data given herein are believed to be accurate and reliable but are presented without guaranty, warranty, or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. All suggestions made herein are intended for use by persons having requisite knowledge and skill, and are to be utilized at their own risk. Esseco USA assumes no responsibility for this information, and potential purchasers waive all claims they may have and agree to indemnify and hold harmless Esseco USA from any claims or damages they may later allege relative to their reliance upon these suggestions.

General

Product

Name	Ammonium Bicarbonate Food Grade Treated
Code	1AJBFR

Supplier

Name	Esseco USA
Address	4 Gatehall Drive, Parsippany, NJ 07054
Phone	973-267-3330
Internet	https://www.essecousa.com/

Manufacturer

Name	BASF SE
Address	67056 Ludwigshafen, Germany Division Monomers
Phone	+49 621 60 42737
Internet	https://basf.com
Country of Origin	Germany

Products Details

Product References

- CAS No. (Chemical Abstracts Service): 1066-33-7
- EC No. (European Inventory of Existing Commercial Chemical Substances): 213-911-5
- E No. (EU number for additives): E503
- REACH (Registration, Evaluation, Authorization of Chemicals): registration number 01-2119486970-26

Storage

- Store the product (in original packaging when possible) in a cool (below 85 F), well-ventilated, and dry indoor location.
- Shelf-life is 2 years from date of manufacture when stored in original container

Compliance

- Regulation (EU) No 231/2012 (food additives)
- Food Chemicals Codex(FCC) XII

Packaging

- The packaging used for the Ammonium Bicarbonate sold by Essec USA is suitable for food contact.
- The Ammonium Bicarbonate sold by Essec USA is packaged on pallets that have been heat treated and made from European wood. No fungicides including 2,4,6 tribromophenol (TBP) or 2,4,6 trichlorophenol (TCP) are used on any pallets for this product.
- All the Ammonium Bicarbonate that is sold in 50 lb bags by Essec USA has gone through a metal detection device when it was packaged.

Residual

- The Ammonium Bicarbonate sold by Essec USA does not contain any of the solvents listed in the United States Pharmacopeia general chapter <467> (Class 1, Class 2, Class 3, or other Table 4), the European Pharmacopeia, or the International Conference on Harmonization of Technical Requirements for Registration of Pharmaceuticals for Human Consumption (ICH) Residual Solvent (OVI) Lists. In addition, it does not contain any other organic solvents.

BSE/TSE/GMO

- This is to certify that Ammonium Bicarbonate sold by Essec USA does not contain any materials that are of organic or animal origin. In addition, it does not come in contact with materials of organic or animal origin in its manufacture. Therefore, it is BSE / TSE compliant and contains no Genetically Modified Organisms (GMO's).

Composition

Component	Percent	CAS Number
Ammonium Bicarbonate	≥ 99.3	1066-33-7
Magnesium Carbonate	≤ 0.55	546-93-0
Total:	100.0	

Manufacturing

Process

- The Ammonium Bicarbonate food grade is manufactured using a synthetic process.
- This is a continuous process in a closed plant
- The raw materials of ammonia and carbon dioxide are reacted and then concentrated until the required density is reached.
- The crystalline product is separated by centrifuge and dried.
- The dried product is blended with the additive Magnesium Carbonate.
- The process is controlled by an automatic system with periodic testing and adjustments performed by the operators.
- The product is packaged in a closed line, equipped with a metal detector.

Manufacturing Information

- The Ammonium Bicarbonate sold by Essec USA has not been irradiated.
- The product is manufactured using current Good Manufacturing Practices (cGMP).

Quality System

- The plant maintains a FSSC 22000 Certification which meets the Global Food Safety Initiative(GFSI).
- The plant maintains an ISO 9001:2015 Certification.
- The plant has an FDA registration number of 16121420912.

Lot Numbering System

- The Food Grade of Ammonium Bicarbonate lot number is a 10 digit SAP generated code.

Products Not Used in Manufacturing of Product

This product does not contain and hasn't been in contact with the following:

- | | |
|--------------|---|
| • Melamine | • Residual Solvents (US & Europe Pharmacopeia Listings) |
| • Pesticides | |

Food Information

Food Information

- This product is a substance that is generally recognized as safe (GRAS) per Title 21 of the Code of Federal Regulations Part 184.1135 (2020).
- The product is in compliance with all Kosher requirements.
- The product is in compliance with all Halal requirements.
- The product does not contain any ingredients of animal origin or alcohol. Furthermore, we can exclude any risk of environmental contamination during manufacture, filling, packing, transportation and storage.
- The Food grade Ammonium Bicarbonate sold by Esseco USA meets all of the requirements of the US Food and Drug Administration (FDA) Food Safety Modernization Act (FSMA).
- Esseco USA is the importer of record for the Food grade Ammonium Bicarbonate sold by Esseco USA and has taken all of the necessary steps to be compliant with the United States Food and Drug Administration's Foreign Supplier Verification Program (FSVP) for importers of food for humans and animals.

Diet Suitability

The product is suitable for:

- Vegans
- Lacto / Ovo-lacto vegetarians
- Diabetics
- Lactose intolerants
- Celiacs

Microbiological

The Ammonium Bicarbonate sold by Esseco USA has been tested and does not contain microbiological hazards. Retesting is done on a two year basis.

Nutritional Value

FOOD ENERGY		per 100g
Calorific value (with carbohydrates in total)	kJ/g	0
Calorific value (with available carbohydrates)	kJ/g	0
Carbohydrates - Total	g	0
Total fat added	g	0
Saturated fat added	g	0
Trans fat added	g	0
Cholesterol added	g	0
Sugar - Total	mg	0
Sugar - Added	mg	0
Vitamin D	mg	0
Protein	kJ/g	0
Minerals ash	g	Depending on Mg-carbonate content
Potassium	mg	max. 0.1
Calcium	mg	max. 1
Iron	mg	max. 0.3

Salt (as chloride)	mg	max. 3
Alcohol	g	0
Organic acids	g	0
Moisture	%	0.05
Dietary fibers added	g	0

Documents

Reference Documents

- ISO 9001:2015 Quality Management System
- HACCP Statement
- Allergen Statement
- FSSC 22000 GFSI Certification
- Kosher Certificate
- Halal Certificate
- Nutrition Statement

Other Documents

- Certified Food Grade Guarantee
- 50 LB Package Label
- 500 KG Package Label
-



AMMONIUM BICARBONATE FOOD GRADE TREATED DATA PACKAGE REFERENCE DOCUMENTS

ISO 9001:2015 Quality Management System	Page 10
HACCP (Foreign Body Control)	Page 11
HACCP System Certificate	Page 12
Allergen Statement	Page 13
FSSC 22000 GFSI Certification	Page 14
Kosher Certificate	Page 15
Halal Certificate	Page 16



CERTIFICATE



This is to certify that the site

BASF SE

Operating Division Monomers

Carl-Bosch-Straße 38
67063 Ludwigshafen/Rhein
Germany

is part of the certified Management System of the organization
BASF SE
with the main certificate registration no. 019089 QM15

according to

ISO 9001 : 2015.

Scope:

Manufacturing of monomers products at Ludwigshafen site

Certificate registration no.	31601935 QM15
Valid from	2024-01-21
Valid until	2027-01-23
Issuing date	2023-12-21



DQS GmbH

Christian Gerling
Managing Director



Product Information

CM – Monomers Division

Information about HACCP (Foreign Body Control)

Document name: 30061452_ABC-SH
Revision: 3 issued: June 26, 2025

Product: AMMONIUM BICARBONATE SH FOOD GRADE
PRD-No.: 30061452
Chemical Name: ammonium hydrogencarbonate NH_4HCO_3 with magnesium carbonate (E 504)
CAS no.: 1066-33-7
EINECS no.: 213-911-5

As part of our HACCP-System and GMP related measures for the above-mentioned product, we have installed a metal detector device and magnets which detect systematically eventual metal impurities in filled PE-bags before these are being stapled onto the pallets.

The sensitivity of the metal detector is:

For PE-bags

Steel (Fe)	Stainless Steel (VA)	other metals (Al)
1.5 mm	2.0 mm	2.5 mm

The sieves used before the filling have a mesh size of 0.7 mm.

Regarding metal detection:

This is only valid for food/feed grade and not valid for other e.g. technical grade.

* n/a: not applicable

The data indicated above are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. The certificate is exclusively for our customers and respective competent authorities. It is not intended for publication either in printed or electronic form (e.g. via Internet) by others. Thus, neither partial nor full publication is allowed without written permission.

Please visit our website www.monomers.basf.com

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CONFIRMATION



This is to certify that

BASF SE

Cluster Sulfites and cluster Nitrogen Salts

Carl-Bosch-Straße 38
67056 Ludwigshafen
Germany

has implemented and maintains a **HACCP System**.

Scope:

Production of sodium sulfite and metabisulfite, potassium metabisulfite, production of ammonium hydrogen carbonates, ammonium carbonate and ammonium carbamate, production of sodium nitrite and sodium nitrate as well as production of ammonium chloride

An audit, documented in a report, has verified that this HACCP system fulfills the requirements of the following regulation:

Regulation (EC) No 852/2004

of the European Parliament and of the Council
of 29 April 2004 on the hygiene of foodstuffs.

Controls by the competent authorities are not affected.

Registration No.	518689 HCE
Frankfurt am Main	2023-10-10
Valid until	2026-10-09

DQS CFS GmbH

German Association for Sustainability

Guido Eggers
Managing Director



Product Information

CM – Monomers Division

Allergene Declaration

Document name: 30061452_ABC-SH
Revision: 3 issued: September 24, 2024

Product: AMMONIUM BICARBONATE SH FOOD GRADE
PRD-No.: 30061452
Chemical Name: ammonium hydrogencarbonate NH_4HCO_3 with magnesium carbonate (E 504)
CAS no.: 1066-33-7
EINECS no.: 213-911-5

This is to confirm that above-mentioned product does not contain

- substances or products causing allergies or intolerances, listed in Annex II of Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers.
- major food allergen, identified by "Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA)", US.
- sesam according "Food Allergy Safety, Treatment, Education and Research (FASTER) Act (2021)", US.

Also, this substances / allergenes are not handled in the manufacturing plant.

The data indicated above are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. The certificate is exclusively for our customers and respective competent authorities. It is not intended for publication either in printed or electronic form (e.g. via Internet) by others. Thus, neither partial nor full publication is allowed without written permission.

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CERTIFICATE



This is to certify that the certification system for Food Safety Management Systems at

BASF SE

Carbon Dioxide Plant, Sulfites Plant, Ammonium Bicarbonates Plant, PGS Plant

E-CMI/QM, F206,
Carl-Bosch-Straße 38
67056 Ludwigshafen
Germany

COID: DEU-1-8860-735282

has been assessed and determined to comply with the requirements of

Food Safety System Certification 22000

FSSC 22000.

Certification scheme for food safety management systems consisting of the following elements:
ISO 22000:2018, ISO/TS 22002-1:2009 and additional FSSC 22000 requirements (Version 6).

This certificate is applicable for the scope of:

Production (absorption, crystallization, precipitation, separation, drying, granulation, blending, filling) of ammonium carbonate food grades and inorganic sulfite food grades, packed in PE bags and big bags for use in the food industry. Production (liquefaction and purification) of carbon dioxide food grade for bulk carriers including analytical services for use in the food industry. Production, filling and packaging of 1,2 propylene glycol, packed in drums, IBCs and bulks (dedicated tank container and flexitanks).

Category: K

Date of initial certification	2012-08-27
Certification decision	2024-06-26
Date of the last unannounced audit*	2025-06-30 – 2025-07-03
(Re)Issuing date	2025-08-04
This certificate is valid until	2027-08-26
Registration no.	353955 FSSC V6



DQS CFS GmbH

German Association for Sustainability

Guido Eggers
Managing Director



Accredited Body: DQS CFS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany

*At least one (1) surveillance audit is required to be undertaken unannounced after the initial certification audit and within each three (3) year period thereafter.
The authenticity of this certificate can be verified in the FSSC 22000 database of Certified Organizations available on www.fssc.com.
The validity of the certification can only be verified by the QR-code.

KOSHER CERTIFICATE

The below listed products manufactured by
BASF SE (MONOMERS DIVISION), LUDWIGSHAFEN, GERMANY
are Kosher certified in accordance with the listed restrictions.



תעודת כשרות

Cert. Id: **PROJ-00007923**
Issuance date: **20 January 2026**
Expiry Date: **1 February 2027**
No. of items: **13** | Page: **1 of 1**

NAME	KOSHER ID	STATUS	RESTRICTION
Ammonium Bicarbonate food grade	UKF0343228	Parev, Passover	
Ammonium Carbonate food grade (E 503i)	UKF0344214	Parev, Passover	
Ammonium Carbonate S food grade	UKF0763534	Parev, Passover	
Ammonium Chloride RWS food grade	UKF0753579	Parev, Passover	
Ammonium Chloride S food/pharma grade	UKF0754183	Parev, Passover	
Carbon Dioxide food grade - Liquid CO2	UKF0753434	Parev, Passover	
Potassium Metabisulfite food grade (E 224)	UKF0753704	Parev, Passover	
Sodium Metabisulfite food grade (E 223)	UKF0754313	Parev, Passover	
Sodium Nitrates food grade (E 251)	UKF0343882	Parev, Passover	
Sodium Nitrite food grade with 0.3% / 0.6% SiO2	UKF1654204	Parev, Passover	
Sodium Nitrite Solution	UKF0344217	Parev, Passover	
Sodium Nitrites food grade (E250)	UKF0754446	Parev, Passover	
Sodium Sulfite food grade (E 221)	UKF0344452	Parev, Passover	

Note:

This certification also includes sustainable versions of the listed products e.g., “Cycled®”, “ZERO”, “BMB”, “BMBcert™”, “LowPCF”, “Renewable”, “REDcertEU”



רבי ישראל משה גוטטאג
Rabbi Yisroel Moshe Guttentag
Director of Certification



CERTIFICATE

Page 1 of 1 | Cert.-No.: HC-6ZY7Z3



HALAL CONTROL GmbH, 65428 Ruesselsheim am Main, Stahlstraße 44, Germany, Tel.: +49 6142 301987-0, <https://www.halalcontrol.eu>, e-mail: info@halalcontrol.eu

HALAL CONTROL حلال كنترول
شركة لترخيص الحلال (Germany) Halal Certification Body
تشهد بأن المنتجات أدناه hereby certifies that the products:

Pos	PID	Product
001	10003308	SODIUM SULFITE FOOD GRADE (E 221)
002	10001276	SODIUM METABISULFITE FOOD GRADE (E 223)
003	10201279	POTASSIUM METABISULFITE FOOD GRADE (E 224)
004	10563069	SODIUM NITRITE FOOD GRADE E250
005	10604024	SODIUM NITRITE FOOD GRADE 0.3% (0,6%) SiO2
006	10563067	SODIUM NITRATE FOOD GRADE (E 251)
007	10001974	AMMONIUM CARBONATES (E 503i)
008	10001986	AMMONIUM BICARBONATES/AMMONIUM HYDROGEN CARBONATES (E 503ii)
009	10084275	AMMONIUM CHLORIDE RWS FOOD GRADE
010	10079746	AMMONIUM CHLORIDE S FOOD/PHARMA GRADE
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Note: All above listed products are also approved for sustainable tradenames e.g., "Cycled®", "ZERO", "BMB", "BMBcert™", "LowPCF", "Renewable", "REDcertEU".

المصنعة في manufactured by
BASF SE, Monomers
في (Germany) 67056 Ludwigshafen Carl-Bosch-Straße 38, at the production site
تحقق معايير الحلال. are Halal.

A HALAL CONTROL conformity assessment, documented in an audit report, has verified that the above listed products are complying with the Halal requirements in accordance with the Islamic Law.

Technical notice: The verification and certification have been undertaken according to HALAL CONTROL certification scheme HC-SE-02. Standards applied: OIC/SMIIC 1:2019, GSO 2055-1:2015, MS 1500:2019, BPJPH SJPH. The products and the production system are under surveillance of HALAL CONTROL.

إن نظام مراقبة الحلال والموثق في تقرير المعاينة قد أثبت أن المنتجات المذكورة أعلاه تحقق معايير الحلال الشرعية. ملاحظة تقنية: إن عملية الفحص والتدقيق تمت طبقاً لمنظومة الحلال HC-SE-02 المعتمدة لدى حلال كنترول وكذلك حسب المواصفات التالية:

OIC/SMIIC 1:2019, GSO 2055-1:2015, MS 1500:2019, BPJPH SJPH

تخضع عملية التصنيع والمنتجات لرقابة شركة حلال كنترول.

Certificate Registration No.: HC-6ZY7Z3
Category code: K
Valid from: 2025-12-15
Valid until: 2027-01-07
Initial certification date: 2024-01-08

رقم سجل الشهادة
رمز الصنف
تبدأ صلاحية الشهادة
تاريخ انتهاء صلاحية الشهادة
تاريخ بداية الترخيص

Mahmoud Tatari م. محمود ططري
General Manager المدير العام



Verify it.

This Halal certificate has been authorized by the HALAL CONTROL (HC) Certification Decision Committee (CDC).

HALAL CONTROL (HC) Germany is an internationally accredited/recognized Halal Certification Body (HCB):

JAKIM, BPJPH, MUIS, CICOT, OIC/SMIIC (HAK), GCC/GSO (GAC, SASO, SFDA, SHC, EIAC, MOIAT, MOPH), IMANOR, EGAC, SANHA and other reputable Halal authorities. HC is a member of the World Halal Council (WHC) and Association of Halal Certifiers (AHAC).

NOTE: THIS CERTIFICATE HAS BEEN GENERATED ELECTRONICALLY. WE MAY ISSUE AN ORIGINAL PAPER CERTIFICATE UPON REQUEST.

F-CE-038 03/23/R01



SODIUM METABISULFITE NF/FOOD AND PHOTO DATA PACKAGE REFERENCE DOCUMENTS

Certified Food Grade Guarantee	Page 17
Process Flow Chart	Page 19
Traceability Statement	Page 20
Elemental Impurities Statement	Page 21
California Prop 65 Statement	Page 22
Microplastic Statement	Page 23
50 LB Package Label	Page 24
Supersack Label	Page 25



Date: September 03, 2026

GUARANTEE UNDER SECTION 303 (C) (2)
OF THE FEDERAL FOOD, DRUG, AND COSMETIC ACT

FOR THE PURPOSE OF SECTION 303(C) (2) OF THE FEDERAL FOOD AND COSMETIC ACT, WE HEREBY GUARANTEE THAT, AS OF THE DATE OF EACH SHIPMENT BY US TO YOU OF ANY ARTICLE LISTED BELOW SUCH ARTICLE IS NOT, WHEN SHIPPED, ADULTERATED OR MISBRANDED WITHIN THE MEANING OF THE FEDERAL FOOD, DRUG, AND COSMETIC ACT OR OF ANY APPLICABLE STATE LAW IN WHICH THE DEFINITIONS OF ADULTERATION AND MISBRANDING ARE THE SAME AS THOSE CONTAINED IN THE FEDERAL FOOD, DRUG, AND COSMETIC ACT. WE FURTHER GUARANTEE THAT, AS OF THE DATE OF EACH SHIPMENT, NO SUCH ARTICLE IS AN ARTICLE WHICH MAY NOT, UNDER THE PROVISIONS OF SECTION 404 OR 505 OF THE FEDERAL FOOD, DRUG, AND COSMETIC ACT, BE INTRODUCED INTO INTERSTATE COMMERCE.

THIS GUARANTEE SHALL BE A CONTINUING GUARANTEE AND SHALL CONTINUE IN EFFECT FOR A PERIOD OF FIVE YEARS FROM THE DATE HEREOF, OR UNTIL SUCH EARLIER DATE AS YOU SHALL RECEIVE FROM US WRITTEN NOTICE OF THE REVOCATION OF THE GUARANTEE CONTAINED HEREIN OR A CHANGE IN FEDERAL REGULATION OCCURS.

PRODUCT	GRADE	CODE
AMMONIUM BICARBONATE	FOOD GRADE TREATED	1AJBFR

We hope that this information is useful to you. If you have any questions or require additional information, please feel free to contact us at info@essecousa.com.

Sincerely,

Mina Abdelmalek

Mina Abdelmalek

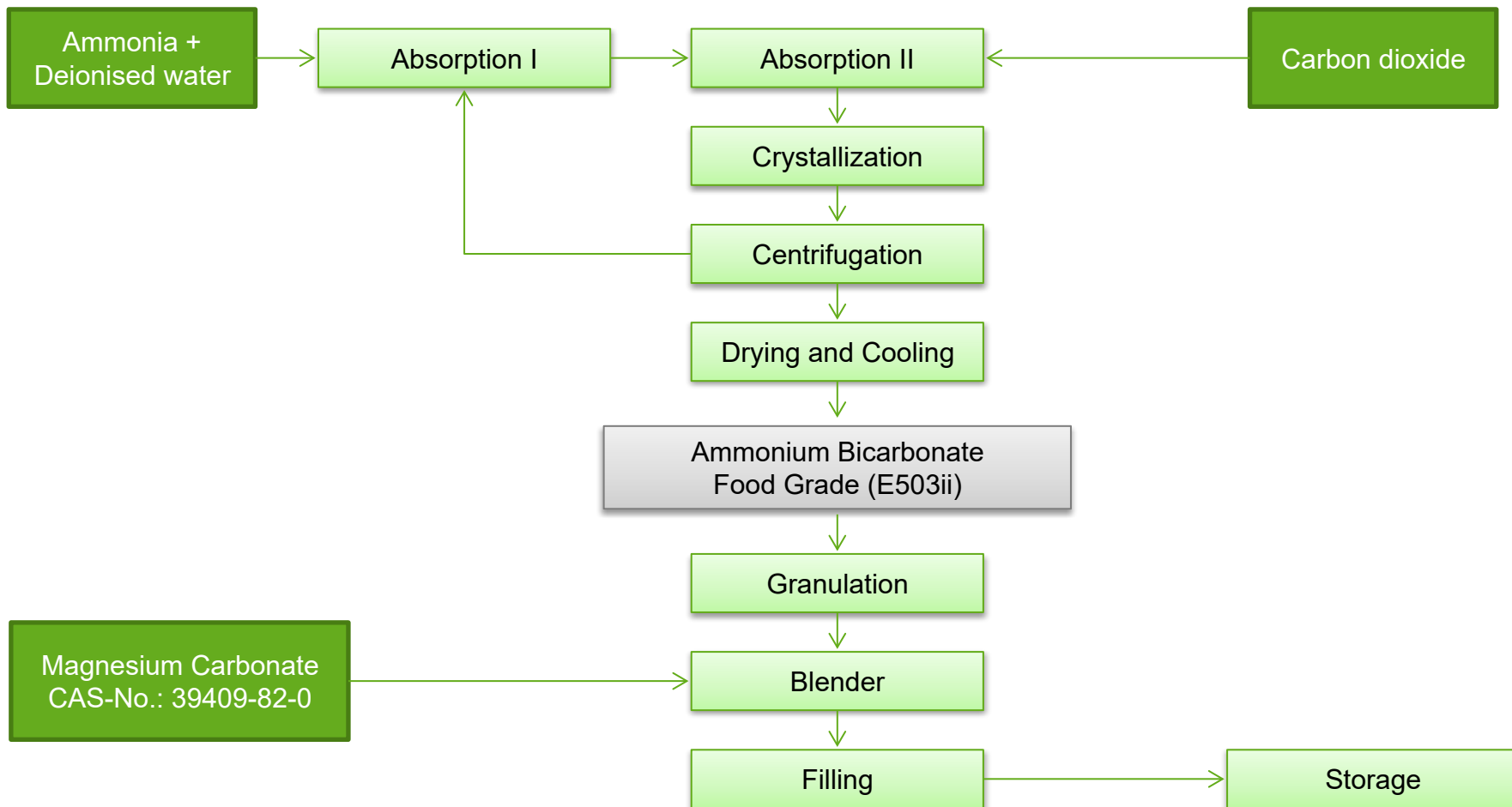
Technical Service and Sales

Esseco USA

Essecousa.com

Process Flowchart:

Production of Ammonium Bicarbonate H, SH, F, N Food Grades



Product Information

CM – Monomers Division

Statement about Traceability

Document name: 30061452_ABC-SH
Revision: 2 issued: December 4, 2024

Product: AMMONIUM BICARBONATE SH FOOD GRADE
PRD-No.: 30061452
Chemical Name: ammonium hydrogencarbonate NH_4HCO_3 with magnesium carbonate (E 504)
CAS no.: 1066-33-7
EINECS no.: 213-911-5

We at BASF, CM Monomers, are very much aware of the importance of the tracking throughout the production and supply chain processes for all products we deliver to our customers.

Therefore, the processes and the IT-setup are designed to assure this important ability of product responsibility. We have an efficient audit management system to check these processes. Regular traceability audits are carried out to verify the tracking of randomly selected batches.

The following is determined:

- ✓ Affected products and batches, raw materials used and packaging
- ✓ Batches to be blocked in silos, tanks and warehouses
- ✓ Orders to be cancelled and returned
- ✓ Customers to be informed who have already taken over corresponding products with definition of responsibilities

In addition, we use mock-recalls to train the ability of our organization to rapidly react quickly in critical situations.

The following is checked:

- ✓ Know the procedure instruction Recall
- ✓ Name information chain
- ✓ Identification of affected deliveries
- ✓ Submit delivery documents and release documents of affected input materials and/or packaging materials
- ✓ Initiate necessary blocks
- ✓ Where is the affected delivery (at the customer's, at sea, etc.)?
- ✓ Who is the responsible transport manager?
- ✓ List "Customer contact person" available and known?

This set of measures enables us to claim the traceability for all our products and batches is secured. Based on this audit management system, we confirm the traceability of the following batch:

- Material:
- Batch:
- Delivery no.:
- Customer order no.:

The data indicated above are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. The certificate is exclusively for our customers and respective competent authorities. It is not intended for publication either in printed or electronic form (e.g. via Internet) by others. Thus, neither partial nor full publication is allowed without written permission.

Please visit our website www.monomers.basf.com

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Product Information

CM – Monomers Division

ICH guideline Q3D on elemental impurities EMA/CHMP/ICH/353369/2013

Document name: ELEMENTAL_IMPURITIES_ABC-SH_30061452_2024
Revision: 0 issued: December 18, 2024

Product: AMMONIUM BICARBONATE SH FOOD GRADE
PRD-No.: 30061452
Chemical Name: Ammonium hydrogen carbonate NH_4HCO_3 with magnesium carbonate hydroxide as anti-caking agent
CAS no.: 213-911-5 ammonium hydrogen carbonate
235-192-7 magnesium hydroxide carbonate

This is to declare that no Class 1, 2A, 2B or 3 elements as to the above-mentioned guideline are intentionally added in the manufacturing process nor to the final product produced by BASF SE - Ludwigshafen am Rhein - Germany.

Element	Class	Intentionally added	Typical value **
Cd	1	no	be part of the specification
Pb	1	no	be part of the specification
As	1	no	be part of the specification
Hg	1	no	be part of the specification
Co	2A	no	< 1 mg/kg
V	2A	no	< 1 mg/kg
Ni	2A	no	< 1 mg/kg
Tl	2B	no	not regular reviewed
Au	2B	no	not regular reviewed
Pd	2B	no	not regular reviewed
Ir	2B	no	not regular reviewed
Os	2B	no	not regular reviewed
Rh	2B	no	not regular reviewed
Ru	2B	no	not regular reviewed
Se	2B	no	not regular reviewed
Ag	2B	no	not regular reviewed
Pt	2B	no	not regular reviewed
Li	3	no	< 1 mg/kg
Sb	3	no	< 1 mg/kg
Ba	3	no	not regular reviewed
Mo	3	no	< 1 mg/kg
Cu	3	no	< 1 mg/kg
Sn	3	no	< 1 mg/kg
Cr	3	no	< 1 mg/kg

** Values are given for information purpose only. They are not part of our standard specification and may not be considered as part of a special specification agreement. These properties are not measured systematically by producer and do not appear on the certificate of analysis

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Product Declaration: **California Proposition 65 Status**

30 July 2024

Product Name: Ammonium bicarbonate SH, 30061452

Dear Valued Customer:

This letter is in response to your request for information on the BASF product listed above.

Based on the information available from our raw material suppliers and our knowledge of the product composition(s), the BASF product(s) listed above do not contain substances identified under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) updated on December 29th, 2023. Since we do not expect any of these substances to be present, we do not analyze our raw materials or end products for these substances.

Should you have any further questions concerning this product, please contact your Sales Account Manager or epic@basf.com.

This document was electronically produced and is valid without signature.

Please note:

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Product Information

CM – Monomers Division

INFORMATION ABOUT MICROPLASTICS

Document name: 30061452_ABC-SH
Revision: 1 issued: August 28, 2024

Product: AMMONIUM BICARBONATE SH FOOD GRADE
PRD-No.: 30061452
Chemical Name: ammonium hydrogencarbonate NH_4HCO_3 with magnesium carbonate (E 504)
CAS no.: 1066-33-7
EINECS no.: 213-911-5

On September 25, 2023, the European Commission published regulation (EC) No 2023/2055 amending Annex XVII to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Entry No. 78 (Synthetic Polymer Microparticles, SPMs – formerly known as ‘intentionally added microplastics’) which entered into force on October 17, 2023.

Based upon information received from our raw material suppliers and our knowledge of the product composition, the products listed below are not subject to this restriction.

Since we do not expect Synthetic Polymer Microparticles to be present, we do not specifically run any analysis on our raw materials or the end product to measure these substances.

Background information

What are microplastics?

Microplastics are synthetic, water-insoluble polymer items smaller than 5 mm, which are considered to be of particular concern for the aquatic environment. The potential impact of microplastics on the (aquatic) environment and human health have generated concerns in Member States of the European Union and worldwide.

The data indicated above are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. This confirmation expires after 24 months or in case of regulatory changes. Please ask for a new confirmation if needed. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed. The certificate is exclusively for our customers and respective competent authorities. It is not intended for publication either in printed or electronic form (e.g. via Internet) by others. Thus, neither partial nor full publication is allowed without written permission.

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50lbs

AMMONIUM BICARBONATE

FOOD GRADE TREATED - WITH 0.55% max MgCO_3 - Meets Food Chemicals Codex - CODE 1AJBFR-0050LB

CONTAINS AMMONIUM BICARBONATE CAS 1066-33-7/ WITH MAGNESIUM CARBONATE CAS 39409-82-0

ATTENTION

STORE IN THE ORIGINAL CONTAINER IN A COOL, DRY, WELL-VENTILATED LOCATION THAT IS PROTECTED FROM MOISTURE.
IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT IN THE USA OR CANADA CONTACT CHEMTREC 800-424-9300

BEFORE USING, READ THE SAFETY DATA SHEET FOR THIS CHEMICAL

FOR PROFESSIONAL USE ONLY

CONTENTS MADE IN GERMANY

Warning

Harmful if swallowed.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: call a doctor if you feel unwell. Rinse mouth.
Dispose of contents and container in accordance with local, state, and federal regulations.



AMMONIUM BICARBONATE

FOOD GRADE TREATED

50lbs

BICARBONATE D'AMMONIUM

FOOD GRADE TREATED

22.7kg



22.7kg

BICARBONATE D'AMMONIUM

FOOD GRADE TREATED - AVEC 0.55% max MgCO_3 - Conforme au Food Chemicals Codex - CODE 1AJBFR-0050LB

CONTIENT BICARBONATE D'AMMONIUM CAS 1066-33-7/ AVEC CARBONATE DE MAGNESIUM CAS 39409-82-0

AVERTISSEMENT

ENTREPOSER DANS LE RÉCIPENT D'ORIGINE DANS UN ENDROIT FRAIS, SEC, BIEN VENTILÉ ET À L'ABRI DE L'HUMIDITÉ.
POUR UNE URGENCE AUX ÉTATS-UNIS ET CANADA, APPELEZ CHEMTREC 800-424-9300

AVANT D'UTILISER, CONSULTER LA FICHE DE DONNÉES DE SÉCURITÉ

EXCLUSIVEMENT POUR USAGE PROFESSIONNEL

CONTENU FABRIQUÉ EN ALLEMAGNE

Attention

Nocif en cas d'ingestion.
Se laver les mains soigneusement après manipulation.
Ne pas manger, boire ou fumer en manipulant ce produit.
EN CAS D'INGESTION:
Appeler un médecin en cas de malaise. Rincer la bouche.
Éliminer le contenu et le récipient conformément à la réglementation locale, régionale et nationale.



PIM014 - R4 (0926)

ESSECO USA LLC - 4 Century Drive - Parsippany, NJ 07054 - Tel 973-267-3330



AMMONIUM BICARBONATE - BICARBONATE D'AMMONIUM

FOOD GRADE TREATED - CONTAINS AMMONIUM BICARBONATE / CONTIENT BICARBONATE D'AMMONIUM CAS 1066-33-7
WITH/AVEC MAGNESIUM CARBONATE / CARBONATE DE MAGNESIUM CAS 39409-82-0 - Meets/Conforme au Food Chemicals Codex - CODE 1AJBFR-0500KS

**1102.31 lbs
500 kg**

**FOOD GRADE TREATED,
contains / contient $MgCO_3$ (0.55% max)**

ATTENTION

STORE IN THE ORIGINAL CONTAINER IN A COOL, DRY, WELL-VENTILATED LOCATION THAT IS PROTECTED FROM MOISTURE.
IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT IN THE USA OR CANADA CONTACT CHEMTREC 800-424-9300

AVERTISSEMENT

ENTREPOSER DANS LE RÉCIPIENT D'ORIGINE DANS UN ENDROIT FRAIS, SEC, BIEN VENTILÉ ET À L'ABRI DE L'HUMIDITÉ.
POUR UNE URGENCE AUX ÉTATS-UNIS ET CANADA, APPELÉZ CHEMTREC 800-424-9300

BEFORE USING, READ THE SAFETY DATA SHEET FOR THIS CHEMICAL

FOR PROFESSIONAL USE ONLY

CONTENTS MADE IN GERMANY

AVANT D'UTILISER, CONSULTER LA FICHE DE DONNÉES DE SÉCURITÉ

EXCLUSIVEMENT POUR USAGE PROFESSIONNEL

CONTENU FABRIQUÉ EN ALLEMAGNE

Warning

Harmful if swallowed. Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: call a doctor if you feel unwell.
Rinse mouth. Dispose of contents and container in accordance with local, state, and federal regulations.
Dispose of contents and container in accordance with local, state, and federal regulations.

Attention

Nocif en cas d'ingestion. Se laver les mains soigneusement après manipulation. Ne pas manger, boire ou fumer en manipulant ce produit. EN CAS D'INGESTION: Appeler un médecin en cas de malaise. Rincer la bouche. Éliminer le contenu et le récipient conformément à la réglementation locale, régionale et nationale.



ESSECO USA LLC - 4 Century Drive - Parsippany, NJ 07054 - Tel 973-267-3330

SIM144 R2-0926