

JANUARY 1, 2023



POTASSIUM CARBONATE FOOD GRADE
DATA PACKAGE

Table of Contents

1. Letter to Our Customers
2. General
 - Product
 - Supplier
 - Manufacturer
3. Product Details
 - Product References
 - Storage
 - Compliance
 - Packaging
 - Contaminants
 - Residual
 - BSE/TSE/GMO
 - Composition
4. Manufacturing
 - Site Information
 - Process
 - Manufacturing Information
 - Quality system
 - Lot Numbering System
 - Products Not Used in Manufacturing of Product
 - Additional Site Information
5. Food Information
 - Food Information
 - Diet Suitability
 - Microbiological
 - Nutritional Value
6. Documents

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	Potassium Carbonate Food Grade
Code	1KC03E

Supplier

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

Manufacturer

Name	Altair Chimica S.p.A.
Address	Via delle Moie Vecchie 13, Saline, Pisa 56040, Italy
Phone	+39 0588 9811
Internet	https://www.altairchimica.com/en
Country of Origin	Italy

Products Details

Product References

- CAS No. (Chemical Abstracts Service): 584-08-7
- EC No. (European Inventory of Existing Commercial Chemical Substances): 209-529-3
- E No. (EU number for additives): E501
- REACH (Registration, Evaluation, Authorization of Chemicals): registration number 01-2119532646-36-0010

Storage

- Store the product in a dry and well ventilated location.
- Shelf-life is 4 years from date of manufacture when stored in original container

Compliance

- Regulation (EU) No 231/2012 (food additives)
- Food Chemicals Codex(FCC) XII
- The potassium carbonate sold by Esseco USA is not included in the December 18, 2020 listing of chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

Packaging

- The packaging used for the Food grade of Potassium Carbonate sold by Esseco USA is suitable for food contact.
- All the Potassium Carbonate sold by Esseco USA is produced by Altair Chimica in Italy and 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 Potassium Carbonate that is sold in 25 kg bags by Esseco USA has gone through a metal detection device when it was packaged by Altair in Saline, Italy.

Residual

- The Food grade of Potassium Carbonate sold by Esseco 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 Food grade Potassium Carbonate sold by Esseco 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
Potassium Carbonate	99.6	584-08-7
Potassium Hydroxide	0.1	1310-58-3
Water	0.3	7732-18-5
Total:	100.0	

Manufacturing

Site Information

- Size of Site 2,100,000 sq ft
- Total Employees 93
- Production Staff 47
- Quality Unit Staff 6
- Quality Assurance Staff 5

Process

- The Food grade Potassium Carbonate is manufactured using a synthetic process.
- This is a continuous process in a closed and dedicated plant.
- The raw materials of carbon dioxide, methane, air, and KOH solution are reacted and dried.
- The crystalline product is separated by spray dryer reactor, screened, and packaged.
- The process is controlled by an automatic system with periodic testing and adjustments performed by the operators.
- The product is packaged in a closed and dedicated line, equipped with a metal detector.

Manufacturing Information

- The product is not treated with ionizing radiation during the production process and is not treated with any ingredient treated with ionizing radiation.
- The product is manufactured using current Good Manufacturing Practices (cGMP).

Quality System

- The plant maintains a FSSC 22000 Certification from Global Food Safety Initiative(GFSI).
- The plant maintains an ISO 9001:2015 Certification.
- The plant has an FDA registration number of 1794742880.

Lot Numbering System

- Lot Number Format: 1xxxxxx-yy-aaaaaarr
 - xxxxxx is the customer code in customer management system
 - yy is the last two digits of the year of purchase
 - aaaaaa is the purchase confirmation number in customer management system
 - rrr is the purchase confirmation line in customer management system

Products Not Used in Manufacturing of Product

The Food grade Potassium Carbonate sold by Essec USA does not contain and hasn't been in contact with the following:

- Bioengineered Ingredients (GMOs)
- Glyphosate
- Melamine
- Palm Oil
- Pesticides
- Residual Solvents (US & Europe Pharmacopeia Listings)
- Sewage Sludge
- Soy

Additional Site Information

- Pest activity on site is checked 12 times per year.

Food Information

Food Information

- The Food grade Potassium Carbonate sold by Esseco USA is a substance that is generally recognized as safe (GRAS) per Title 21 of the Code of Federal Regulations Part 184.1619 (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.
- This product is not tested on animals.

Diet Suitability

The product is suitable for:

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

Microbiological

The Potassium Carbonate sold by Esseco USA has been tested and does not contain microbiological hazards. Retesting is done on an annual basis.

Nutritional Value

Unit of Measurement, 100 Grams			
Ash:	68.7 g	Moisture:	0.5 g
Calcium:	0.1 mg	Niacin:	0 mg
Calories:	0	Phosphorus:	0 mg
Carbohydrates:	0 g	Potassium:	56 mg
Cholesterol:	0 mg	Protein:	0 g
Fat – Saturated:	0 g	Riboflavin:	0 mg
Fat – Monounsaturated:	0 g	Sodium:	350 mg
Fat – Polyunsaturated:	0 g	Sugars – Added:	0 g
Fat – Trans:	0 g	Sugars – Total:	0 g
Fat – Total:	0 g	Thiamine:	0 mg
Fiber:	0 g	Vitamin A:	0 µg
Iron:	0.2 mg	Vitamin C:	0 µg
Magnesium:	0.05 mg	Vitamin D	0 µg

Documents

Reference Documents

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

Other Documents

- Certified Food Grade Guarantee
- Process Flow Chart
- Organizational Chart
- Bioterrorism Statement
- California Prop 65
- 25 KG Package Label



POTASSIUM CARBONATE FOOD GRADE DATA PACKAGE REFERENCE DOCUMENTS

ISO 9001:2015 Quality Management System	Page 2
HACCP Chart	Page 3-4
Allergen Statement	Page 5
FSSC 22000 GFSI Certification	Page 6
Kosher Certificate	Page 7
Halal Certificate	Page 8-9
Nutrition Statement	Page 10
FDA # Statement	Page 11

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
CERT-14061-2004-AQ-FLR-SINCERT

Initial certification date:
14 April 2004

Valid:
01 April 2022 – 31 March 2025

This is to certify that the management system of

ALTAIR CHIMICA S.p.A.

Via Moie Vecchie, 13 - 56048 Saline di Volterra (PI) - Italy

has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope:

**Production of potassium hydroxide and sodium hydroxide in solution through membrane electrolysis plants; production of solid potassium hydroxide through drying of the one into solution; production of sodium hypochlorite through aspiration of vents in absorption towers; production of hydrochloric acid in solution in special reactors by direct synthesis between ethylene and hydrogen; production of solid potassium carbonate through a plant with partial recovery of carbon dioxide and liquid carbonate with total recovery by carbon dioxide scrubber absorption; process for the production of ferrous and ferric chloride through the direct reaction with hydrochloric acid and subsequent reduction; photocatalytic production of medium and long chains chloroparaffins.
Recovery of hazardous and non-hazardous waste for the production of ferric and ferrous chloride, through the storage, handling and transformation step of raw materials.
Marketing of aluminium polychloride
(IAF 12, 24)**

Place and date:
Vimercate (MB), 02 March 2022



SGQ N° 003 A
SGA N° 003 D
SGE N° 007 M
SCR N° 004 F

EMAS N° 009 P
PRD N° 003 B
PRS N° 094 C
SSI N° 002 G

Membro di MLA EA per gli schemi di accreditamento
SGQ, SGA, PRD, PRS, ISP, GIG, LAB e LAT, di MLA IAF
per gli schemi di accreditamento SGQ, SGA, SSI, FSM
e PRD e di MRA ILAC per gli schemi di accreditamento
LAB, MED, LAT e ISP

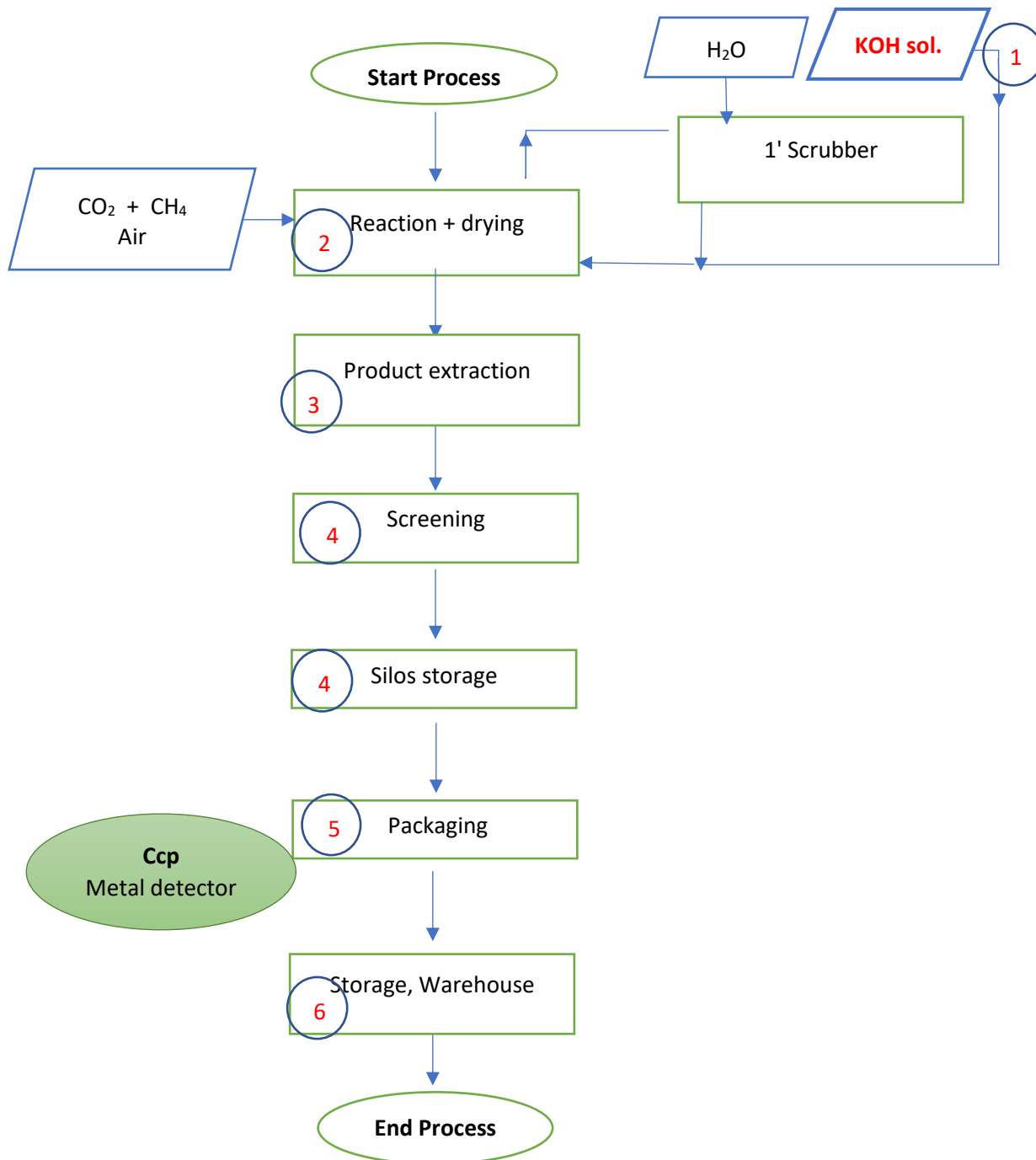
For the issuing office:
DNV - Business Assurance
Via Energy Park, 14, - 20871 Vimercate (MB) - Italy



Claudia Baroncini
Management Representative

POTASSIUM CARBONATE BLOCK DIAGRAM

This food and feed of potassium carbonate granular sold by Altair Chimica S.p.A. is manufactured with a HACCP program in place.



March 30, 2021

TECHNICAL SERVICE:
Phone: +39 0588 9811
Fax: +39 0588 98181
Mail: sales@altairchimica.com

PHASE	RISCK			PREVENTIVE CHECK	CCP	MONITORING	CORRECTIVE ACTION	REGISTERED
	M	C	P					
1	N	Y	N	Chemical control of r.m.	N	Daily analysis of the r.m.	Replacement of r.m.	On record
2	N	N	N	Reaction + drying	N	Daily analysis of the inttermediate of product	Stop of the plant	On record
3	N	N	N	Product extraction	N		Stop of the plant	On record
4	N	N	Y	Screening and Silos storage	PRP	Check the status of the sieve once a week	Stop oh the plant and product downgrading	On record
5	N	N	Y	Packaging Constant control of the metal detector	CCP	Check every bag	Stop oh the plant and product downgrading	On record
6	N	N	N	Storage, Warehouse Perform analyzes on process intermediates and on products for sale	Y	Every lot	Product downgrading	On record and CoA

LEGENDA:

M: risk microbiological

C: risk chemical

P: foreign matter



ALLERGENS STATEMENT

This is to certify that the Food grade of potassium carbonate sold by Esseco USA does not contain any of the following known allergens:

Artificial Sweeteners
Celery
Colorants
Dyes
Egg or Egg Products
Fish or Fish Products
Gluten (Wheat, Barley, Rye, or Oats)
Lactose
Latex
Lupin
Milk or Milk Products
Monosodium Glutamate (MSG)
Mustard (or its derivatives)
Peanuts or Peanut Products
Preservatives
Seeds or Seed Products (Buckwheat, Cotton, Poppy, Sesame, or Sunflower)
Shellfish (Crustacean or Molluscan) or Shellfish Products
Soy, Soybeans, or Soybean Products
Sulfiting Agents
Tree Nuts or Nut Products (Almond, Brazil, Cashew, Coconut, Hazelnut, Macadamia, Pecan, Pine, Pistachio, or Walnut)
Wheat or Wheat Products

January 1, 2023

TECHNICAL SERVICE
Phone: 973 267 3330
Fax: 973 267 8299

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
146682-2013-FSMS-ITA-RvA

Initial certification date:
09 December 2013

Valid:
27 December 2022 – 09 December 2025

This is to certify that the management system of

ALTAIR CHIMICA S.p.A.

Via Moie Vecchie, 13 - 56048 Saline di Volterra (PI) - Italy

has been assessed and determined to comply with the requirements of

FOOD SAFETY SYSTEM CERTIFICATION 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 5.1).

This certificate is applicable for the scope of:

Production of food and feed additives: granulate potassium carbonate min 84% (E501), potassium carbonate solution min 30% (E501), Hydrochloric acid min 32% (E507), liquid potash hydroxide min 30% (E525), flake potash hydroxide min 92% (E525), Sodium hydroxide solution min 30% (E524) packed in 25kg plastic bags, big bags, 1000l IBC or bulk in tank. Category K

The certification system consists of a minimum annual audit of the food safety management systems and a minimum annual verification of the PRP elements and additional requirements as included in the scheme and applicable technical specification for sector PRPs. Validity of this certificate can be verified in the FSSC 22000 database of certified organizations available on www.fssc22000.com.

Date of Certification Decision:
27 December 2022

Place and date:
Barendrecht, 28 December 2022



For the issuing office:
DNV - Business Assurance
Zwolsseweg 1, 2994 LB Barendrecht,
Netherlands



Sabrina Bianchini
Management Representative



Rav Yair Didi

Livorno, Italy



הרב יאיר דידי שליט"א

ליורנו איטליה

Livorno, December 5 th 2022

TO WOM IT MAY CONCERN

After chemical analysis, after inspection and examination in the

ALTAIR CHIMICA S.P.A. plant, located in SALINE DI VOLTERA in province of Pisa- Tuscany (Italy) ,

I can assure that:

CARBONATO DI POTASSIO SOLIDO - POTASSIUM CARBONATE SOLID (K₂CO₃)

Produced by the above mentioned industry is entirely no organic product and that during all the working-stages in closed circuit, the

CARBONATO DI POTASSIO SOLIDO - POTASSIUM CARBONATE SOLID (K₂CO₃)

Does Not come in contact with animal or other forbidden products according to the Jewish Laws of the Kashrut. This is therefore to certify that:

CARBONATO DI POTASSIO SOLIDO - POTASSIUM CARBONATE SOLID (K₂CO₃)

Produced by ALTAIR CHIMICA S.P.A. plant, located in SALINE DI VOLTERA in province of Pisa- Tuscany (Italy) ,

Is certified KOSHER PARVE for year round use , to the inclusion of Passover days. The certification is valid until 05/12/2023

Rav Yair Didi

Livorno, Italy



י. דידי



الهيئة العالمية للحلال

HALAL
INTERNATIONAL
AUTHORITY

WWW.HALALINT.ORG



HALAL CERTIFICATE

ISSUED TO THE COMPANY:	ALTAIR CHIMICA SPA	
PRODUCTION SITE	VIA MOIE VECCHIE, 13 - 56048 SALINE DI VOLTERRA (PI) - ITALY	
PRODUCT CATEGORY NAME	PRODUZIONE CHIMICHE E BIOCHIMICHE	
PRODUCT CATEGORY CODE	L	
CERTIFICATE N.	HIA-2021-0830-1630333771	
APPLIED HALAL STANDARDS:	CERT. START DATE:	CERT. EXPIRY DATE:
GSO 2055-1	23/05/2021	22/05/2024

THE HALAL CERTIFIED PRODUCTS/SERVICES BEAR ASSIGNED HIA LOGO ON IT.

THIS HALAL CERTIFICATE IS VALID ONLY IF ATTACHED TO THE LIST OF CERTIFIED PRODUCTS/SERVICES AND ACCOMPANIED BY A BATCH AND/OR SHIPMENT CERTIFICATE. THE VALIDITY OF THIS CERTIFICATE AND THE CERTIFIED PRODUCTS/SERVICES MAY BE REVISED.

LAST UPDATED CERTIFICATE AND LIST OF CERTIFIED PRODUCTS/SERVICES ARE AVAILABLE ON THE FOLLOWING TRACEABILITY LINK:

https://b2b.halalq.net/qrcode/check?qrcode=639145f8862cc15f2d2a87d5ce72b8ca&_module=certificate



Authorized Person
المندوب المفوض
(Dr. Mohamed Elkafrawy)

MOD HC1_1.0

BARI: Via Antonio De Ferraris, 65 - 70124 (BA) ITALY

Tel.: (+39) 0805216724 - Fax.: (+39) 0805940139 - E-mail: info@halalint.org - Web: www.halalint.org

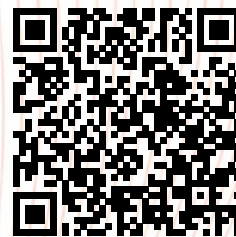




الهيئة العالمية للحلال

HALAL
INTERNATIONAL
AUTHORITY

WWW.HALALINT.ORG



CERTIFICATE N.	HIA-2021-0830-1630333771
ISSUED TO THE COMPANY: ALTAIR CHIMICA SPA	PRODUCTION SITE VIA MOIE VECCHIE, 13 - 56048 SALINE DI VOLTERRA (PI) - ITALY

CERTIFIED PRODUCTS/SERVICES

PRODUCT SUBCATEGORY CODE: L				
PRODUCT SUBCATEGORY NAME: ADDITIVO ALIMENTARE				
NR	PRODUCT CODE	PRODUCT NAME	PRODUCT PACKAGING	BRAND
1	HIA-ITA-00040-001	POTASSIO CARBONATO SOLUZIONE 50% POTASSIUM CARBONATE SOLUTION 50%	VARIOUS	ALTAIR CHIMICA
2	HIA-ITA-00040-002	CARBONATO DI POTASSIO ANIDRO POTASSIUM CARBONATE ANHYDROUS	VARIOUS	ALTAIR CHIMICA
3	HIA-ITA-00040-003	ACIDO CLORIDRICO SOLUZIONE HYDROCHLORIC ACID SOLUTION	VARIOUS	ALTAIR CHIMICA
4	HIA-ITA-00040-004	POTASSIO IDRATO SOLUZIONE 50% POTASSIUM HYDROXIDE 50%	VARIOUS	ALTAIR CHIMICA
5	HIA-ITA-00040-005	CLORURO DI POTASSIO POTASSIUM CHLORIDE	VARIOUS	ALTAIR CHIMICA
6	HIA-ITA-00040-006	IDROSSIDO DI POTASSIO SOLIDO 92% POTASSIUM HYDROXIDE 92%	VARIOUS	ALTAIR CHIMICA

APPLIED HALAL STANDARDS:	CERT. START DATE:	CERT. EXPIRY DATE:
GSO 2055-1	23/05/2021	22/05/2024



Authorized Person
المندوب المفوض
(Dr. Mohamed Elkafrawy)

MOD HC1_1.0

BARI: Via Antonio De Ferraris, 65 - 70124 (BA) ITALY

Tel.: (+39) 0805216724 - Fax.: (+39) 0805940139 - E-mail: info@halalint.org - Web: www.halalint.org

Pag. 1/1





ALT AIR CHIMICA S.p.A.
Via Moie Vecchie 13, 56068 Saline di Volterra ITALY
+39 (0)588 9811 sales@altairchimica.com
www.altairchimica.com

NUTRITIONAL INFORMATION POTASSIUM CARBONATE FOOD GRADE

Constituents (per. 100gm / 100ml)		Quantity	Method of Analysis (if calculated, indicate source of information)
Alcohol	gm	zero	
Alcohol	% v/v	zero	
Ash	gm	68,7	Calculated
Biotin	mg	zero	
Calcium	mg	0,1	ICP
Carboydrate-Avalaible	gm	zero	
Carboydrate-Total	gm	zero	
Dietary Fibre (Englyst)	gm	zero	
Energy	Kcal	zero	
Energy	Kjoules	zero	
Fat – Monounsaturated (cis)	gm	zero	
Fat – Polyunsaturated (cis : cis)	gm	zero	
Fat – Saturated	gm	zero	
Fat – Trans (Poly & Mono)	gm	zero	
Fat – Total	gm	zero	
Fat – Total	gm	zero	
Folic Acid (Total)	microg	zero	
Iodine	microg	zero	
Iron	mg	0,2	ICP
Magnesium	mg	0,05	ICP
Moisture	gm	0,5	Calculated
Niacin	mg	zero	
Nitrogen	gm	zero	
Pantothenic Acid	mg	zero	
Phosphorous	mg	zero	
Polyols – Added (if >5%)	%age	zero	
Potassium	mg	56.000	Calculated
Protein – state factor used	gm	zero	
Riboflavin – Vitamin B2	mg	zero	
Salt – Added	gm	zero	
Salt – Total	gm	zero	
Sodium	mg	350	ICP
Sugars-Added	gm	zero	
Sugars-Total	gm	zero	
Thiamin – Vitamin B1	mg	zero	
Vitamin A – Retinol	microg	zero	
Vitamin B12	microg	zero	
Vitamin B6	mg	zero	
Vitamin C	microg	zero	
Vitamin D	microg	zero	
Vitamin E	mg	zero	
Zinc	mg	zero	

TO WHOM IT MAY CONCERN

Thank you for your recent inquiry about our compliance with the FDA regulations related to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (The Bioterrorism Act).

The events of September 11, 2001, highlighted the need to enhance the security of the infrastructure of the United States, including the food supply. Congress responded by enacting the Bioterrorism Act (Public Law 107-188), which was signed into law on June 12, 2002. The Bioterrorism Act includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 305, which requires the Secretary of Health and Human Services to develop a regulation to require domestic and foreign facilities that manufacture, process, pack, or hold food for consumption in the United States to register with FDA by December 12, 2003. Esseco USA LLC is in full compliance with Section 305.

The Bioterrorism Act also includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 307, which requires the Secretary of Health and Human Services to develop a regulation to require that FDA receive prior notice for food imported or offered for import into the United States. Esseco USA LLC is in full compliance with Section 307.

Finally, The Bioterrorism Act includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 306, which requires the Secretary of Health and Human Services to develop a regulation to establish recordkeeping requirements for persons (excluding farms and restaurants) who manufacture, process, pack, transport, distribute, receive, hold, or import food to establish and maintain food records. Esseco USA LLC is in full compliance with Section 306.

WE HEREBY CERTIFY THAT OUR COMPANY HAS RECEIVED A REGISTRATION NUMBER FROM THE U.S.FDA REGISTRATION OF FOOD FACILITIES AND COMPLIES WITH THE BIOTERRORISM ACT OF 2002.

FDA Registration Number 1794742880

Saline di Volterra 28th January 2021

ALTAIR CHIMICA S.p.A.

Enrico Biondi

Management Systems Manager

biondi@altairchimica.com



ALTAIR CHIMICA S.P.A.

Società unipersonale

Direzione Generale e Amministrativa,
Sede Legale e Stabilimento:
56048 - Saline di Volterra (Pisa) - Italia
Via Moie Vecchie, 13

Tel. +39 0588.9811
Fax +39 0588.98181

info@altairchimica.com
www.altairchimica.com

Cap. Soc. Euro 2.921.000 i.v.
Codice Fiscale 11409750152
Partita IVA 01359760509
Registro delle Imprese Pisa n. 1318/1996
R.E.A. n. 117443

Società soggetta a coordinamento
e controllo di ESSECO GROUP S.R.L.
C.F. 00989420039





POTASSIUM CARBONATE FOOD GRADE DATA PACKAGE OTHER DOCUMENTS

Certified Food Grade Guarantee	Page 2
Process Flow Chart	Page 3-4
Organizational Chart	Page 5
Bioterrorism Statement	Page 6
California Prop 65 Statement	Page 7
25 KG Package Label	Page 8



**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 NOT EXTEND TO COVER THE RESPONSIBILITIES OF A DISTRIBUTOR IN SITUATIONS WHERE THE ARTICLE IS TRANSFERRED IN BULK OR IS REPACKAGED. MOREOVER, THIS GUARANTEE SHALL BE VOID AND OF NO EFFECT IN ANY INSTANCE WHERE THE PARTICULAR USE BY YOU OF ANY ARTICLE TO WHICH THIS GUARANTEE WOULD OTHERWISE APPLY IS A USE WHICH IS NOT IN ACCORDANCE WITH THE REQUIREMENTS OF THE FEDERAL FOOD, DRUG, AND COSMETIC ACT OR APPLICABLE STATE LAWS.

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.

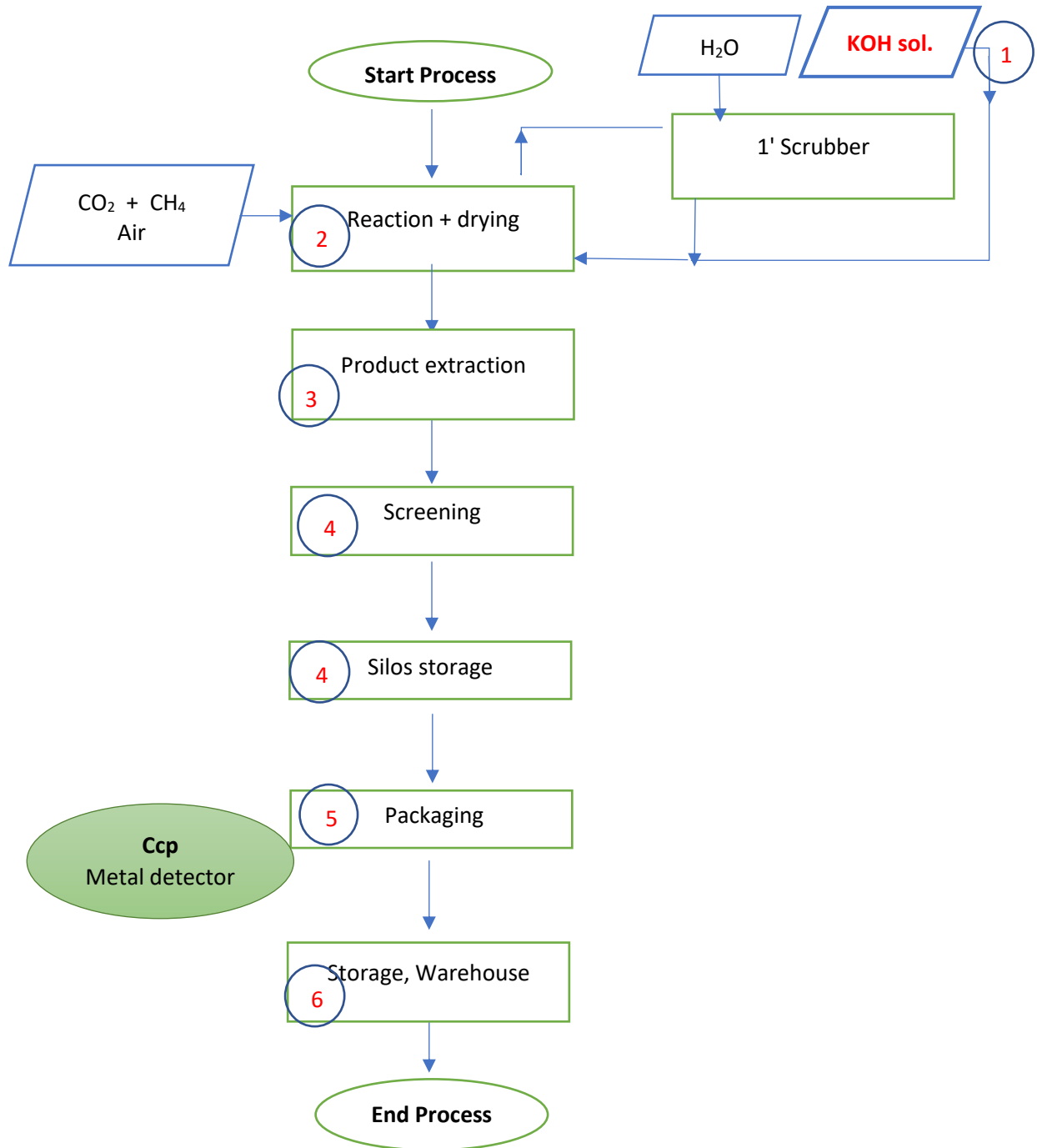
PRODUCT	GRADE	CODE
POTASSIUM CARBONATE	FOOD	1KC03E

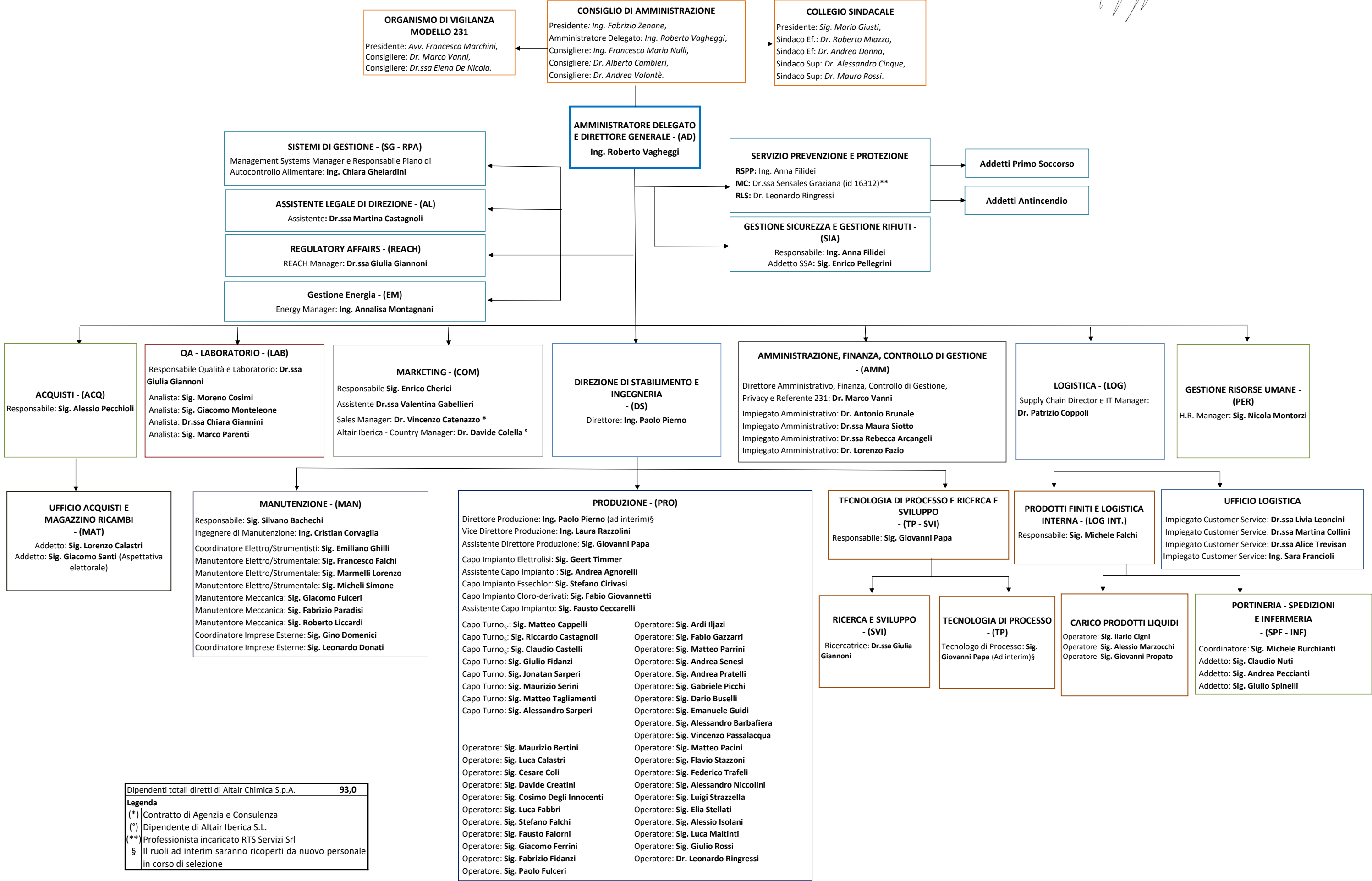
SIGNED: Charlie Dulik

TITLE: Technical Sales & Services
Engineer

DATE: January 1, 2023

POTASSIUM CARBONATE PROCESS FLOW





TO WHOM IT MAY CONCERN

Thank you for your recent inquiry about our compliance with the FDA regulations related to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (The Bioterrorism Act).

The events of September 11, 2001, highlighted the need to enhance the security of the infrastructure of the United States, including the food supply. Congress responded by enacting the Bioterrorism Act (Public Law 107-188), which was signed into law on June 12, 2002. The Bioterrorism Act includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 305, which requires the Secretary of Health and Human Services to develop a regulation to require domestic and foreign facilities that manufacture, process, pack, or hold food for consumption in the United States to register with FDA by December 12, 2003. Esseco USA LLC is in full compliance with Section 305.

The Bioterrorism Act also includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 307, which requires the Secretary of Health and Human Services to develop a regulation to require that FDA receive prior notice for food imported or offered for import into the United States. Esseco USA LLC is in full compliance with Section 307.

Finally, The Bioterrorism Act includes a provision in Title III (Protecting Safety and Security of Food and Drug Supply), Subtitle A – Protection of Food Supply, Section 306, which requires the Secretary of Health and Human Services to develop a regulation to establish recordkeeping requirements for persons (excluding farms and restaurants) who manufacture, process, pack, transport, distribute, receive, hold, or import food to establish and maintain food records. Esseco USA LLC is in full compliance with Section 306.

WE HEREBY CERTIFY THAT OUR COMPANY HAS RECEIVED A REGISTRATION NUMBER FROM THE U.S.FDA REGISTRATION OF FOOD FACILITIES AND COMPLIES WITH THE BIOTERRORISM ACT OF 2002.

FDA Registration Number 1794742880

Saline di Volterra 28th January 2021

ALTAIR CHIMICA S.p.A.

Enrico Biondi

Management Systems Manager

biondi@altairchimica.com



ALTAIR CHIMICA S.P.A.

Società unipersonale

Direzione Generale e Amministrativa,
Sede Legale e Stabilimento:
56048 - Saline di Volterra (Pisa) - Italia
Via Moie Vecchie, 13

Tel. +39 0588.9811
Fax +39 0588.98181

info@altairchimica.com
www.altairchimica.com

Cap. Soc. Euro 2.921.000 i.v.
Codice Fiscale 11409750152
Partita IVA 01359760509
Registro delle Imprese Pisa n. 1318/1996
R.E.A. n. 117443

Società soggetta a coordinamento
e controllo di ESSECO GROUP S.R.L.
C.F. 00989420039





CALIFORNIA PROPOSITION 65 STATEMENT

The potassium carbonate sold by Esseco USA is not included in the December 18, 2020 listing of chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

January 1, 2023

TECHNICAL SERVICE
Phone: 973 267 3330
Fax: 973 267 8299

Carbonato
di potassio

Carbonato di potassio

Granulare 99/100

kg. 25



Altair Chimica S.p.A. MD-GAL-05 Rev. 02 07/18

POTASSIUM CARBONATE MIN 99,5%

LOT NUMBER: 1011367-18-000297 005

FOOD ADDITIVE: E 501

Prod. date: Jan 21 18

Exp. date: Jan 21 22


Keep the product in dry and well-ventilated place

Made in Italy

Carbonato di potassio
Potassium carbonate
Kaliumcarbonat

C.A.S. N. 584-08-7

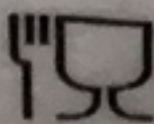
EC N. 209-529-3

PRODOTTO da / PRODUCED BY:  Altair Chimica SpA
Sede legale / Registered office: Via Moie Vecchie, 13 - 56048 Saline di Volterra (PI)
Tel. +39 0588 9811 - www.altairchimica.com - info@altairchimica.com



selene
S.p.A.
www.selene-spa.it

68101



POLIETILENE PER ALIMENTI CONFORME
AL D.M. DEL 21-3-73 GUN 104 DEL 20-4-73
E SUCCESSIVI