

May 05, 2025



SODIUM METABISULFITE NF/FOOD AND PHOTO 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	Sodium Metabisulfite
Code	1NP04E

Supplier

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

Manufacturer

Name	Esseco Srl
Address	Via San Cassiano 99, San Martino di Trecate, Novara 28069, Italy
Phone	+39 0321 7901
Internet	www.esseco.com/en/
Country of Origin	Italy

Products Details

General Information

- Sodium Metabisulfite is manufactured with inorganic raw materials (No plants or organic materials) and is therefore considered a synthetic product

Product References

- CAS No. (Chemical Abstracts Service): 7681-57-4
- EINECS (European Inventory of Existing Commercial Chemical Substances): 231-673-0
- E No. (EU number for additives): E223
- REACH (Registration, Evaluation, Authorization of Chemicals): registration number 01-2119531326-45-0004

Storage

- Store the product in a cool and dry indoor location (humidity and dampness promote oxidation and temperatures above 140°F release SO₂, yielding sodium sulfite).
- Shelf-life is 3 years from date of manufacture when stored in original container

Compliance

- Regulation (EU) No 231/2012 (food additives)
- FCC XII
- European Pharmacopoeia 10
- National Formulary (NF 38)
- ANSI PH4.276 and ISO 3627 (photo standards)
- UNI EN 12121:2013 (chemicals used for treatment of drinking water)

Packaging

- The packaging used for the NF/Food and Photo grade of sodium metabisulfite sold by Esseco USA is suitable for food contact, this includes both 50 lb bags and various supersack sizes.
- All the sodium metabisulfite sold by Esseco USA is produced by Esseco srl 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 sodium metabisulfite that is sold in 50 lb bags by Esseco USA has gone through a metal detection device when it was packaged by Esseco Srl in Trecate, Italy.

Contaminants

- The NF/Food and Photo Grade of Sodium Metabisulfite sold by Esseco USA meets all of the product specification requirements. The product may at times contain very small quantities of off-color yellow, gray, brown, or black particulates. These particulate contaminants are technically unavoidable due to current raw materials, equipment, and manufacturing technology utilized to produce and package the product.

Residual

- The NF/Food and Photo Grade of Sodium Metabisulfite 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.

Cosmetics

- The NF/Food and Photo Grade of Sodium Metabisulfite sold by Esseco USA does not contain any of the substances which have been classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, category 1B or category 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 (CMR substances).
- The NF/Food and Photo Grade of Sodium Metabisulfite sold by Esseco USA complies with Cosmetic Regulation (EC) No 1223/2009.
- The NF/Food and Photo Grade of Sodium Metabisulfite sold by Esseco USA does not contain any added fragrances.

BSE/TSE/GMO

- This is to certify that NF/Food and Photo grade of sodium metabisulfite 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
Sodium Metabisulfite	99.1	7681-57-4
Sodium Sulfite	0.4	7757-83-7
Sodium Sulfate	0.5	7757-82-6
Total:	100.0	

Manufacturing

Site Information

- Size of Site 1,800,000 sq ft
- Total Employees 307
- Production Staff 140
- Quality Unit Staff 9
- Quality Assurance Staff 5

Process

- The NF/Food and Photo grade of sodium metabisulfite is manufactured using a synthetic process.
- This is a continuous process in a closed and dedicated plant.
- The raw materials of sulfur dioxide and sodium hydroxide or sodium carbonate are reacted and then concentrated into a slurry until the required density is reached.
- The crystalline product is separated by centrifuge, screened, and dried.
- 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 (sensitivity: 2.5 mm of ferrous, non-ferrous, and stainless steel).

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 10290799032.

Lot Numbering System

- Numbering System Explanation

The first two numbers designate the year of manufacture.

The following three numbers designate the Julian calendar day.

The last number designates the bin that the product was packaged from.

- Example for Lot Number 200255

20 - Year of Manufacture, 2020

025 - Julian day of calendar Year, January 25

5 - Product was packaged out of bin 5

Products Not Used in Manufacturing of Product

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

- Bioengineered Ingredients (GMOs)
- Bisphenol A
- Bromate
- Diacetyl
- Ethylene Oxide
- Formaldehyde
- Graphite
- Jatropha Plant
- Melamine
- Metal Catalysts
- Mycotoxins
- Nanometals
- Nonylphenol ethoxylates or alkylphenols
- Palm oil or palm oil derivatives
- Parabens – Butylparaben or Propylparaben
- Partially hydrogenated oils
- Polychlorinated biphenyl or Polybrominated biphenyl
- Perfluoroalkyl and Polyfluoroalkyl
- Perfluorohexane sulfonic acid
- Pesticides
- Phthalates or esters
- Residual Solvents (US & Europe Pharmacopeia Listings)
- Sewage Sludge
- Toluene
- Triclosan

Additional Site Information

- Pest activity is checked 12 times per year by specialized external firm (Rentokil Srl).

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 182.3766 (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 NF/Food and Photo grade of sodium metabisulfite 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 NF/Food and Photo grade of sodium metabisulfite 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 sodium metabisulfite sold by Esseco USA is bacteriostatic and will not support microbiological contamination or growth and requires no additional kill step(s) to make the product ready to eat. The product will not support growth of the following:

- Aflatoxins
- Mycotoxins
- Pathogens

Nutritional Value

Unit of Measurement, 100 Grams			
Ash:	32.6 g	Moisture:	< 0.1 g
Calcium:	1.0 mg	Niacin:	0 mg
Calories:	0	Phosphorus:	0 mg
Carbohydrates:	0 g	Potassium:	0 mg
Cholesterol:	0 mg	Protein:	0 g
Fat – Saturated:	0 g	Riboflavin:	0 mg
Fat – Monounsaturated:	0 g	Sodium:	24211 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:	0.5 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

Other Documents

- Certified Food Grade Guarantee
- Process Flow Chart
- Organizational Chart
- Bioterrorism Statement
- California Prop 65
- 50 LB Package Label
- Supersack Label



SODIUM METABISULFITE NF/FOOD AND PHOTO DATA PACKAGE REFERENCE DOCUMENTS

ISO 9001:2015 Quality Management System	Page 2-3
HACCP Chart	Page 4-9
Allergen Statement	Page 10
FSSC 22000 GFSI Certification	Page 11
Kosher Certificate	Page 12-13
Halal Certificate	Page 14
Nutrition Statement	Page 15

CERTIFICATO DI SISTEMA DI GESTIONE

Certificato n.:
C670923

Data Prima Emissione:
10 giugno 1994
(da differente Organismo di Certificazione)

Validità:
18 marzo 2024 – 08 giugno 2026

Si certifica che il sistema di gestione di

ESSECO S.r.l.

Via San Cassiano, 99 - 28069 San Martino di Trecate (NO) - Italia

È conforme allo Standard:

ISO 9001:2015

Questa certificazione è valida per il seguente campo applicativo:

Sviluppo, produzione, analisi di laboratorio, vendita e commercializzazione di: prodotti chimici per l'industria e per l'agricoltura; additivi e coadiuvanti per il settore enologico e per l'industria alimentare. Produzione, stoccaggio e vendita deicer (sghiacciante per pista aeroporti) e sodio idrosolfato.
(IAF 12, 03)

Luogo e Data:
Vimercate (MB), 18 marzo 2024



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

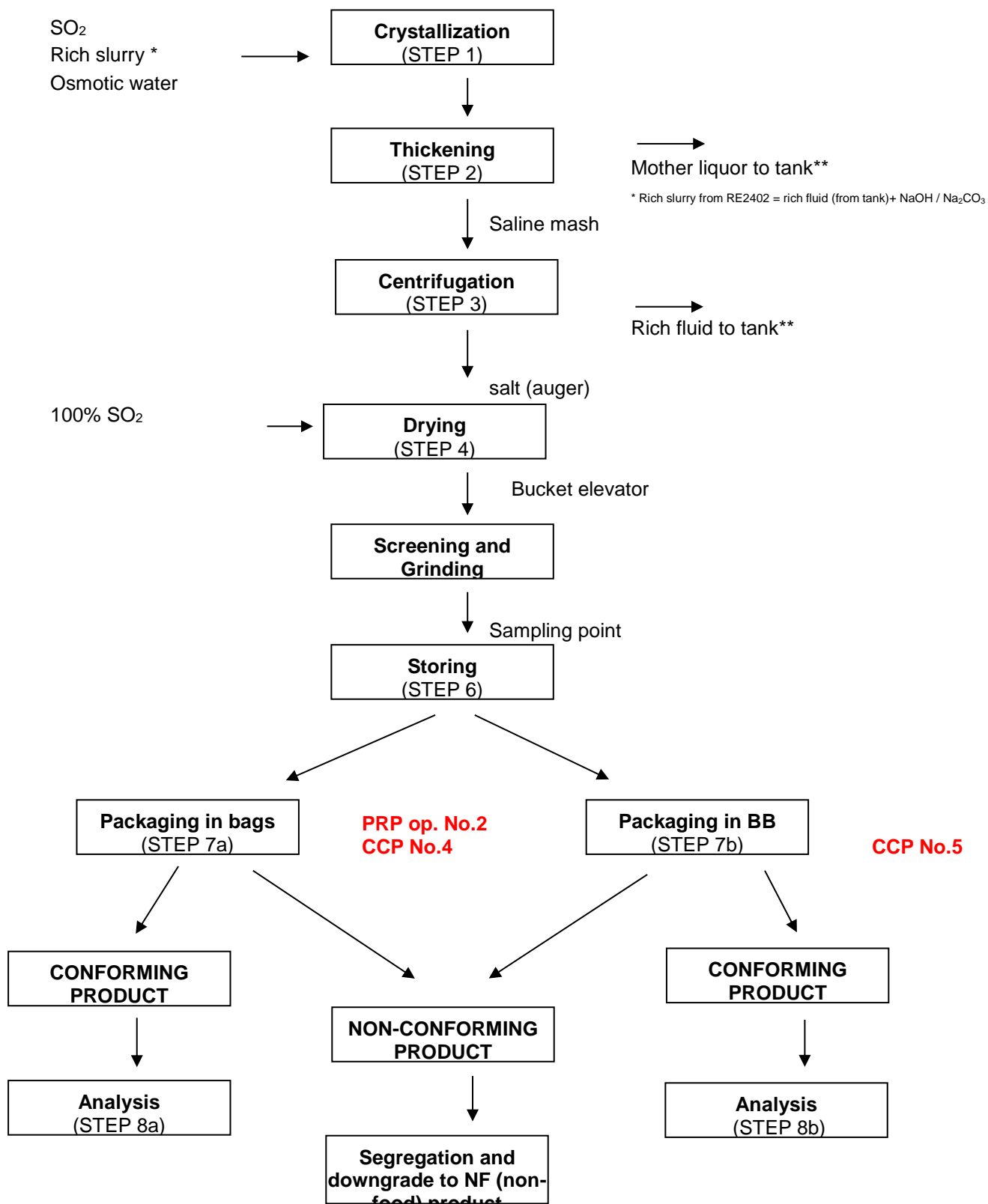
Per l'Organismo di Certificazione:
DNV - Business Assurance
Via Energy Park, 14, - 20871 Vimercate (MB) - Italy



Claudia Baroncini
Management Representative

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3
Flow Diagram (ref. para.7.3.5)

Rev. 5
EXTRACT



PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3 - HAZARD ANALYSIS WORKSHEET (ref. para. 7.4)

Hazard identification, determining acceptability level, hazard assessment and selection and assessment of control measures

Rev. 5
EXTRACT

STEP	POTENTIAL HAZARD (C) Chemical (M) Microbiological (P) Physical	ACCEPTABILITY LEVEL	RISK ANALYSIS (Ann.9)			Is hazard prevention necessary for product safety?	DECISION TREE (Ann.8)				CCP or PRP op.	CONTROL MEASURES
			GD	P	GR		D1	D2	D3	D4		
1	(C) Chemical quality of supplied raw materials	No impurities above RQ limit										PRP No.14 and No.15. Raw material control and supplier qualification procedures. Hazard controlled through supplier approval, statistical product control and individual batch inspection
	(C) Chemical quality of water from osmotic process	No product-transferable impurities										PRP No.6 and No.7. Chemical hazard is controlled through osmotic water production control procedures
	(C) Chemical quality of SO ₂											Please refer to the product test for sulphur dioxide
2												
3	(P) (M) Operator-related and environmental contamination	No contamination										PRP No.25. Application of personnel code of conduct and facility inspection as per ASQ041
4	(C) Chemical quality of SO ₂											Please refer to the product test for sulphur dioxide
	(C) Chemical quality of steam	No product-transferable impurities										PRP No.8, No.9 and No.10. Chemical hazard is controlled by applying control procedures to the steam production process
	(P) (M) Operator-related and environmental contamination	No contamination										PRP No.25. Application of personnel code of conduct and facility inspection as per ASQ041

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3 - HAZARD ANALYSIS WORKSHEET (ref. para. 7.4)

Hazard identification, determining acceptability level, hazard assessment and selection and assessment of control measures

Rev. 5
EXTRACT

4	(P) Small pieces from worn bucket elevator	No bucket damage	2	1	2	NO	/	/	/	/	/	PRP No.32. Elevator buckets in SA3 system must be checked regularly
5	(P) Metal pieces from vibrating screen and mill	No physical contamination										PRP No.33. Sorting screens are periodically checked for wear and tear
	(P) (M) Operator-related and environmental contamination	No contamination										PRP No. 25. Application of personnel code of conduct and facility inspection as per ASQ041
6												
7a (bags)	(P) Presence of ferromagnetic pollutants	No product-transferable impurities	3	2	6	YES	YES	NO	YES	YES	PRP op.	Physical hazard is controlled by implementing ASQ046 procedure. PRP op. No. 2
	(P) Presence of coarse system parts	Max 0.5% alarms or rejects on non-consecutive packages per batch, max no. 2 warning reports on consecutive packages	3	2	6	YES	YES	YES	/	/	CCP	CCP No. 4
7b (Big bags)	(P) Presence of coarse system parts	Max no. 2 warning reports on consecutive packages	3	2	6	YES	YES	YES	/	/	CCP	CCP No.5
8a and 8b	(P) Presence of abrasion residue from elevator buckets		1	2	2	NO						

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3
PRP op. records (ref. para. 7.5 — Setting operational prerequisites) and
relevant audit (ref. para. 7.8)

Rev. 5
EXTRACT

Identification of PRP op.	PRP op. No.2
Process step	Production of sodium metabisulphite from SA3 – Step 7a – Packaging in bags
Hazard	Physical hazard
Source	Physical hazard from potential product contamination with ferromagnetic material
Monitoring activity and frequency	The magnets mounted on the anhydrous salt packaging systems must be controlled by applying the method and frequency stated in ASQ046 procedure
Corrective actions	Adoption of proper corrective actions to determine any faults or failures and define the remedies to this occurrence
Responsibility of monitoring and corrective actions	IP Production Manager/ Food Safety Management System Manager
Recording and filing	On audit records and reports
Monitoring record	Date Auditors Signatures R.A.C. Notes

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3
CCP Records (ref. para. 7.6 – Setting HACCP plan) and relevant audit (ref. para. 7.8)

Rev. 5
EXTRACT

Identification of CCP	CCP No.4
Process step	Production of sodium metabisulphite from SA3 – Step 7a – Packaging in bags
Hazard	Physical hazard
Source	Presence of metal pieces from broken system parts
Critical threshold	2.5 mm No. of rejected bags > 0.5% No. of consecutive rejected bags > 3
Monitoring activity and frequency	Continuous control
Corrective actions	Cause finding, segregation of the whole batch until the end of the audit process. Downgrade to NF (non-food) product
Responsibility of monitoring and corrective actions	IP Production Manager/ Food Safety Management System Manager
Recording and filing	On packing and release records
Minimum supervision activities	
1. Description of activity and frequency	1. Weekly validation (ferrous, non-ferrous and steel standard: 2.5 mm for all) and batch start and end check (steel standard: 2.5 mm), as per ASQ046 procedure
2. Responsibility	2. IP Production Manager
Scientific reference for the set threshold	N/A The highest possible sensitivity
Monitoring record	Date Auditors Signatures R.A.C. Notes

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3

CCP Records (ref. para. 7.6 – Setting HACCP plan) and relevant audit (ref. para. 7.8)

Rev. 5
EXTRACT

Identification of CCP	CCP No.5
Process step	Production of sodium metabisulphite from SA3 – Step 7a – Packaging in big bags
Hazard	Physical hazard
Source	Presence of metal pieces from broken system parts
Critical threshold	2.5 mm No. of alarms on the same big bag > 3 No. of alarms on no. 3 consecutive big bags > 3 No. of alarms on non-consecutive big bags > 5
Monitoring activity and frequency	Continuous control
Corrective actions	Cause finding, segregation of the whole batch until the end of the audit process. Downgrade to NF (non-food) product
Responsibility of monitoring and corrective actions	IP Production Manager/ Food Safety Management System Manager
Recording and filing	On packing and release records
Minimum supervision activities 1. Description of activity and frequency	1. Weekly validation (ferrous, non-ferrous and steel standard: 2.5 mm for all) and batch start and end check (steel standard: 2.5 mm), as per ASQ046 procedure
2. Responsibility	2. IP Production Manager
Scientific reference for the set threshold	N/A The highest possible sensitivity
Monitoring record	Date Auditors Signatures R.A.C. Notes

January 1, 2022

TECHNICAL SERVICE

Phone: 973 267 3330

Fax: 973 267 8299



ALLERGENS STATEMENT

This is to certify that the NF/Food and Photo grade of sodium metabisulfite sold by Esseco USA is not processed with, does not come in contact with, and 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
Tree Nuts or Nut Products (Almond, Brazil, Cashew, Coconut, Hazelnut, Macadamia, Pecan, Pine, Pistachio, or Walnut)
Wheat or Wheat Products

This product does contain Sulfur Dioxide, which is an allergen, and is also considered a Sulfiting Agent.

January 1, 2024

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

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
C671026
COID Code:
ITA-1-0253-225461

Initial certification date:
20 March 2024

Valid:
16 November 2024 – 15 November 2027

This is to certify that the Food Safety Management System of

ESSECO S.r.l.

Via San Cassiano, 99 - 28069 San Martino di Trecate (NO) - Italy

has been assessed and determined to comply with the requirements of

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 (including synthesis processes, dissolving, drying, filtering, mixing) and packaging in pouches, cans, jars, bags and big-bags of additives and technological adjuvant for the oenological and food sectors. Category K

Date of Certification Decision:
07 July 2024

Date of the last unannounced audit:
08 February 2023

Issue Date / Place and date:
Vimercate (MB), 11 July 2024



MS N°0003

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC. Signatory of EA, IAF and ILAC Mutual Recognition Agreements

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

DNV:



FSSC:



Sabrina Bianchini
Management Representative



Badatz Mehadrin Milano

Rabbi Avraham Hazan
Rabbinic Administrator, CEO
R' Betzael Schutz
Technical Director

בד"צ מהדרין מילאנו

בס"ד

Rabbi Menachem Mendel Kaplan
Rabbi Levi Yitzchok Hazan
Rabbi Yosef Yitzchak Labi
Rabbi Menachem Mendel Springer

Kosher Certification – Passover

Milan 10 Adar 5785
March 10, 2025

Spett.
Esseco Srl
Via S. Cassiano, 99
28069 S. Martino di Trecate (NO)

PAGE 1 OF 2

To the attention of the **Supervising Rabbi / Kashruth Agency**

אלה ורבי

This is to certify that the following products:

- ANIDRIDE SOLFOROSA LIQUIDA / LIQUID SULPHUR DIOXIDE
- MISCELA DI POTASSIO METABISOLFITO EFFERVESCENTE
EFFERVESCENT POTASSIUM METABISULPHITE BLEND
- POTASSIO METABISOLFITO / POTASSIUM METABISULPHITE
- POTASSIO BISOLFITO SOLUZIONE / POTASSIUM BISULPHITE SOLUTION
- AMMONIO BISOLFITO SOLUZIONE / AMMONIUM BISULPHITE SOLUTION
- MISCELA DI TANNINO CONDENSATO ESTRATTO DA LEGNO DI SPECIE ESOTICHE, CASTAGNO E TARA
CONDENSED TANNIN BLEND EXTRACTED FROM WOOD OF EXOTIC SPECIES, CHESTNUT AND TARA
- MISCELA DI TANNINI ELLAGICI / ELLAGIC TANNIN BLEND
- MISCELA DI TANNINI GALLICI E CONDENSATI / GALLIC AND CONDENSED TANNIN BLEND
- TANNINO CONDENSATO / CONDENSED TANNIN
- TANNINO ELLAGICO / ELLAGIC TANNIN
- TANNINO GALLICO / GALLIC TANNIN
- MISCELA DI PARAFFINA, CERA E CALCIO CARBONATO / BLEND OF PARAFFIN, WAX AND CALCIUM CARBONATE.
- MISCELA DI POTASSIO METABISOLFITO E TANNINO / SOLUTION OF POTASSIUM METABISULPHITE AND TANNIN

produced by **Esseco Srl**, S. Martino di Trecate (NO), Italy,

are **Kosher Parve for Passover**

החומר נמצא תחת פיקוח

under our supervision,

Badatz Mehadrin Milan, Italy, Kashruth Division.

This certificate is valid until **March 31, 2026**
and is subject to renewal at that time.

ג' ניסן תשפ"ו

Our best regards,
Rabbi Avraham Hazan



החומר נמצא תחת פיקוח
החומר נמצא תחת פיקוח
החומר נמצא תחת פיקוח



Badatz Mehadrin Milano

Rabbi Avraham Hazan
Rabbinic Administrator, CEO
R' Betzalel Schutz
Technical Director

Rabbi Menachem Mendel Kaplan
Rabbi Levi Yitzchok Hazan
Rabbi Yosef Yitzchak Labi
Rabbi Menachem Mendel Springer

בד"צ מהדרין מילאנו

בס"ד

Kosher Certification – Passover

Milan 10 Adar 5785
March 10, 2025

Spett.
Esseco Srl
Via S. Cassiano, 99
28069 S. Martino di Trecate (NO)

PAGE 2 OF 2

To the attention of the **Supervising Rabbi / Kashruth Agency**

לוח הדרכה

This is to certify that the following products:

- SOLUZIONE GOMMA ARABICA (SEYAL) / ARABIC GUM SOLUTION (SEYAL)
- SOLUZIONE GOMMA ARABICA (VEREK) / ARABIC GUM SOLUTION (VEREK)
- ACIDO METATARTARICO / METATARTARIC ACID
- SODIO BISOLFITO SOLUZIONE / SODIUM BISULPHITE SOLUTION
- SODIO METABISOLFITO / SODIUM METABISULPHITE
- SODIO SOLFATO ANIDRO / SODIUM SULPHITE ANHYDROUS
- SODIO TIOSOLFATO / SODIUM THIOSULPHATE
- SODIO TIOSOLFATO SOLUZIONE / SODIUM THIOSULPHATE SOLUTION
- MAGNESIO BISOLFITO SOLUZIONE / MAGNESIUM BISULPHITE SOLUTION
- AMMONIO BICARBONATO / AMMONIUM BICARBONATE
- AMMONIO BISOLFITO SOLUZIONE / AMMONIUM BISULPHITE SOLUTION
- POTASSIO CARBONATO SOLUZIONE / POTASSIUM CARBONATE SOLUTION
- POTASSIO BICARBONATO / POTASSIUM BICARBONATE

produced by **Esseco Srl**, S. Martino di Trecate (NO), Italy,

are *כשר פשוט* **Kosher Parve** for Passover under our supervision,

Badatz Mehadrin Milan, Italy, Kashruth Division.

This certificate is valid until **March 31, 2026**
and is subject to renewal at that time.

בט"ו

Our best regards,
Rabbi Avraham Hazan



בט"ו
אברהם חזן
מילאנו

COMPANY / AZIENDA / الشركة

Esseco S.r.l.

Via San Cassiano, 99 - 28069 San Martino di Trecate (NO) - Italy

ADDRESS OF THE PRODUCTION SITE / INDIRIZZO DEL SITO PRODUTTIVO / عنوان موقع الإنتاج

Via San Cassiano, 99 - 28069 San Martino di Trecate (NO) - Italy

COMMODITY TRADEMARK / MARCHIO COMMERCIALE DEL PRODOTTO / العلامة التجارية للمنتوج

ESSECO

PRODUCT / PRODOTTO / المنتج

Food Additive

SODIO METABISOLFITO / SODIUM METABISULFITE

SODIO SOLFITO / SODIUM SULFITE

SODIO BISOLFITO SOLUZIONE / SODIUM BISULFITE SOLUTION

ANIDRIDE SOLFOROSA / SULFUR DIOXIDE

AMMONIO BICARBONATO / AMMONIUM BICARBONATE

POTASSIO METABISOLFITO / POTASSIUM METABISULFITE

POTASSIO BICARBONATO/POTASSIUM BICARBONATE

POTASSIO CARBONATO SOLUZIONE / POTASSIUM CARBONATE

SOLUTION

Food Adjuvant

AMMONIO BISOLFITO SOLUZIONE / AMMONIUM BISULFITE SOLUTION

SULFIMAG HFS / SULFIMAG HFS

IT IS COMPLIANT TO THE FOLLOWING HALAL CERTIFICATION STANDARDS
È CONFORME AI SEGUENTI STANDARD DI CERTIFICAZIONE HALAL

موافيق لمعايير شهادة الحلال التالية

COREIS DTP HLL 02, UAE.S 2055-1, GSO 2055-1, OIC/SMIIC 1, MS 1500, MUIS SMHS, SJPH Indonesia

DATE FIRST ISSUE

DATA PRIMA EMISSIONE

تاريخ الإصدار الأول

28 / 4 / 2025

DATE PRESENT ISSUE

DATA EMISSIONE CORRENTE

تاريخ الإصدار الحالي

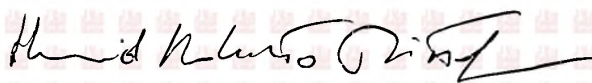
28 / 4 / 2025

CERTIFICATE EXPIRY DATE

DATA SCADENZA CERTIFICATO

تاريخ إنتهاء الشهادة

27 / 4 / 2026



Hamid Roberto Distefano

CEO Halal Italia / Amministratore Delegato Halal Italia / رئيس شركة حلال إيطاليا





NUTRITIONAL VALUE OF SODIUM METABISULFITE

Unit of Measurement, 100 Grams

Ash:	32.6 g
Calcium:	1.0 mg
Calories:	0
Carbohydrates:	0 g
Cholesterol:	0 mg
Fat – Saturated:	0 g
Fat – Monounsaturated:	0 g
Fat – Polyunsaturated:	0 g
Fat – Trans:	0 g
Fat – Total:	0 g
Fiber:	0 g
Iron:	0.2 mg
Magnesium:	0.5 mg
Moisture:	< 0.1 g
Niacin:	0 mg
Phosphorus:	0 mg
Potassium:	0 mg
Protein:	0 g
Riboflavin:	0 mg
Sodium:	24211 mg
Sugars – Added:	0 g
Sugars – Total:	0 g
Thiamine:	0 mg
Vitamin A:	0 µg
Vitamin C:	0 µg
Vitamin D	0 µg

January 1, 2024

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



SODIUM METABISULFITE NF/FOOD AND PHOTO DATA PACKAGE REFERENCE DOCUMENTS

Certified Food Grade Guarantee	Page 2
Process Flow Chart	Page 3
Organizational Chart	Page 4
Bioterrorism Statement	Page 5
California Prop 65 Statement	Page 6
Microplastic Statement	Page 7
50 LB Package Label	Page 8
Supersack Label	Page 9



**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
SODIUM METABISULFITE	NF/FOOD and PHOTO	1NP04E

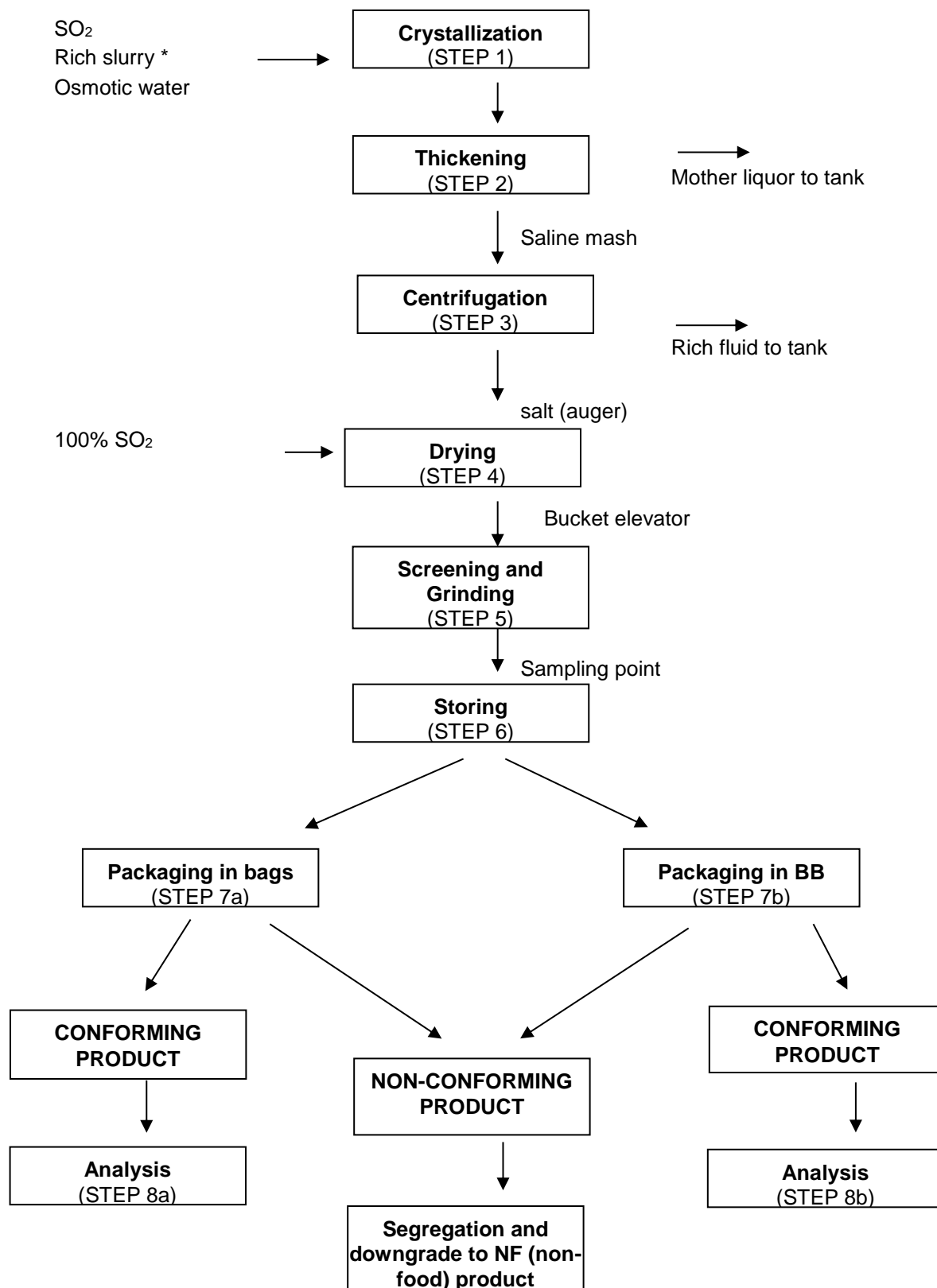
SIGNED: Charlie Dulik

TITLE: Technical Sales & Services
Engineer

DATE: January 1, 2024

PRODUCT FILE No.3: SODIUM METABISULPHITE FROM SA3

Flow Diagram (ref. para.7.3.5)

 Rev. 5
EXTRACT


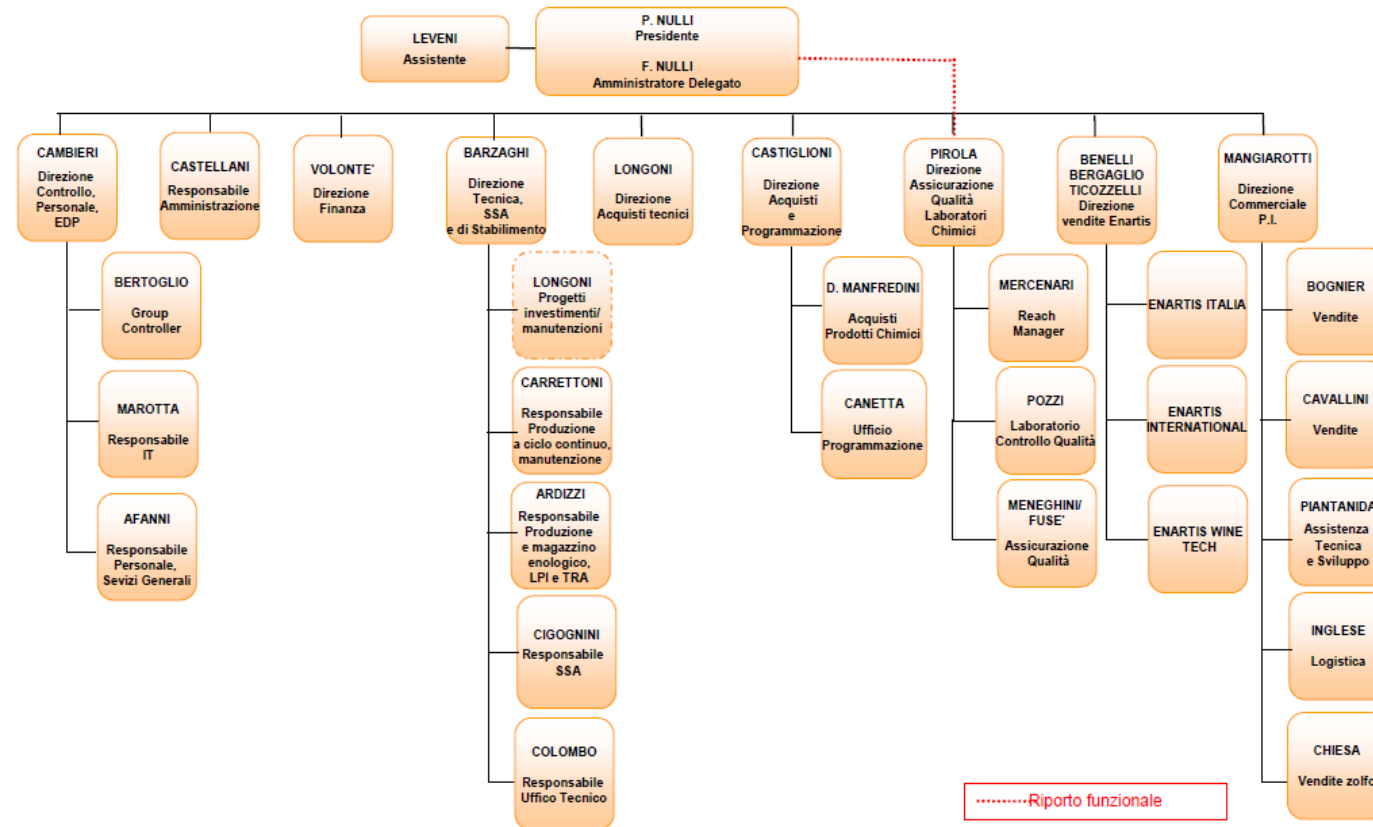
ESSECO GROUP OVERVIEW

TRECCATE PLANT

ORGANIGRAMMA

ESSECO srl

luglio 2021





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 established 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 10290799032

Charlie Dulik
January 1, 2024



+1 (973) 267-3330
essecousa.com
info@essecousa.com

Date: December 23, 2024

CALIFORNIA PROPOSITION 65 STATEMENT

Product: Sodium Metabisulfite

To Whom it May Concern:

Hereby to confirm that the Sodium Metabisulfite sold by Esseco USA are manufactured by chemical synthesis from mineral raw materials and they are not included in the current listing (December 29, 2023) of substances known to the state of California to cause cancer or reproductive toxicity.

This information is accurate to the best of our knowledge at the time of this writing. It should, therefore, not be construed as guaranteeing specific properties. Because regulations and laws are continually being revised, the status of the aforementioned product could eventually change. We do not perform routine analytical testing to detect the presence of contaminants. The buyers or users are responsible for ensuring that the products they use, as supplied by us, are appropriate for and comply with the specific requirements of their intended application.

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

Sincerely,

A handwritten signature in black ink that reads 'Mina Abdelmalek'.

Mina Abdelmalek

Esseco USA

Essecousa.com

Disclaimer: The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available subsequent to the date hereof may suggest modifications of the information, we assume no obligation, expressed or implied, or liability for the use of or reliance on the information and data provided. The information is furnished upon the condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.



+1 (973) 267-3330
essecousa.com
info@essecousa.com

Date: December 23, 2024

Microplastic Statement

Product: Sodium Metabisulfite

To Whom it May Concern:

We hereby declare that Sodium Metabisulfite sold by Esseco USA is free from microplastics and no microplastics are used in its manufacturing process. Sodium Metabisulfite does not contain microbeads, defined as solid plastic particles less than five millimeters in size. Microplastics are solid plastic particles composed of polymer mixtures and functional additives, which may also contain residual impurities. It is important to note that microplastics can be unintentionally formed through the wear and tear of larger plastic pieces.

- **Microbead**
- **Microplastic**
- **Microparticle**

This information is accurate to the best of our knowledge at the time of this writing. It should, therefore, not be construed as guaranteeing specific properties. Because regulations and laws are continually being revised, the status of the aforementioned product could eventually change. We do not perform routine analytical testing to detect the presence of contaminants. The buyers or users are responsible for ensuring that the products they use, as supplied by us, are appropriate for and comply with the specific requirements of their intended application.

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

Sincerely,

Mina Abdelmalek

Mina Abdelmalek

Esseco USA

Essecousa.com

Disclaimer: The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available subsequent to the date hereof may suggest modifications of the information, we assume no obligation, expressed or implied, or liability for the use of or reliance on the information and data provided. The information is furnished upon the condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.



Certified to NSF/ANSI Standard 60
Maximum use Level 15 mg/l.
San Martino Trecate, Italy

SODIUM METABISULFITE

NF/FOOD AND PHOTO GRADE - Meets / Conforme au Food Chemicals Codex - Code: 1NP04E

CONTAINS SODIUM METABISULFITE / CONTIENT MÉTABISULFITE DE SODIUM CAS 7681-57-4

ATTENTION

MAY CAUSE ALLERGIC REACTION IS ASTHMATICS AND SULFITE SENSITIVE INDIVIDUALS.

CONTACT WITH ACIDS, WATER OR ICE RELEASES SULFUR DIOXIDE GAS WHICH MAY BE HARMFUL IF INHALED.

USE OF THIS PRODUCT IN CONFINED SPACES MAY CAUSE SUFFOCATION. DO NOT USE IN UNVENTILATED AREAS SUCH AS IN THE HOLDS OF FISHING BOATS, WALK-IN COOLERS OR CONFINED SPACES. USE ONLY IN WELL-VENTILATED AREAS SUCH AS OPEN DECKS. NEVER USE IN DRY FORM. ALWAYS PREMIX IN VENTILATED AREA.

IN CASE OF AN EMERGENCY INVOLVING THIS PRODUCT IN THE UNITED STATES OR CANADA CONTACT CHEMTREC 800-424-9300

AVERTISSEMENT

PEUT CAUSER DES REACTIONS ALLERGIQUES CHEZ CERTAINES PERSONNES ASTHMATIQUES OU SENSIBLES AUX SULFITES. EN CONTACT AVEC DES ACIDES, DE L'EAU OU DE LA GLACE, RÉAGIT EN DÉGAGEANT DES GAZ TOXIQUES DE BIOXYDE DE SOUFRE QUI PEUVENT ÊTRE NOCIFS S'ILS SONT INHALES.

L'UTILISATION DE CE PRODUIT DANS DES LIEUX MAL AÉRÉS PEUT ENTRAÎNER LA SUFFOCATION. NE PAS UTILISER DANS DES LIEUX SANS AÉRATION TELS QUE LES CALES DES BATEAUX DE PÊCHE, LES CHAMBRES FROIDES OU PIÈCES MAL AÉRÉS. UTILISER SEULEMENT DANS DES LIEUX BIEN AÉRÉS TELS QUE LES PONTS. NE JAMAIS UTILISER SOUS FORME DE POUDRE. TOUJOURS PRÉ-MÉLANGER LE PRODUIT DANS UN LIEU AÉRÉ.

EN CAS D'URGENCE IMPLIQUANT CE PRODUIT AUX ÉTATS-UNIS OU AU CANADA, CONTACTEZ CHEMTREC AU 800-424-9300

BEFORE USING, READ THE SAFETY DATA SHEET FOR THIS CHEMICAL

FOR PROFESSIONAL USE ONLY

CONTENTS MADE IN ITALY

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

EXCLUSIVEMENT POUR USAGE PROFESSIONNEL

CONTENU FABRIQUÉ EN ITALIE

Danger

Harmful if swallowed.

Causes serious eye damage.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

IF SWALLOWED: Call a poison center or doctor if you feel unwell. Rinse mouth.

Dispose of contents and container in accordance with local, state, and federal regulations.

Nocif en cas d'ingestion.

Provoque de graves lésions des yeux.

Se laver les mains soigneusement après manipulation.

Ne pas manger, boire ou fumer en manipulant ce produit.

Porter un équipement de protection des yeux.

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. Appeler immédiatement un centre antipoison ou un médecin.

EN CAS D'INGESTION: Appeler un centre antipoison ou un médecin en cas de malaise.

Rincer la bouche.

Éliminer le contenu et récipient dans conformément à la réglementation locale, régionale et nationale.

