



BSE / TSE AND GMO STATEMENT

This is to certify that all grades of sodium metabisulfite sold by Esseco USA do not contain any materials that are of organic or animal origin. In addition, these products do not come in contact with materials of organic or animal origin in their manufacture. Therefore, these products are BSE / TSE compliant and contain no Genetically Modified Organisms (GMO's).

January 1, 2016

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



SHELF LIFE

Assumes storage in original, unopened container
(or suitable bulk storage) in controlled environment

**SHELF LIFE FROM
DATE OF MANUFACTURE**

SODIUM METABISULFITE NF/FOOD AND PHOTO
SODIUM METABISULFITE TECH

3 years
3 years

SODIUM SULFITE PHOTO
SODIUM SULFITE FOOD/HP
SODIUM SULFITE TECH

3 years
3 years
3 years

SECOHYPO™ (SODIUM THIOSULFATE ANHYDROUS PHOTO)
SODIUM THIOSULFATE PENTAHYDRATE PHOTO

3 years
3 years

CATALYZED SODIUM SULFITE
CATALYZED SODIUM SULFITE PLUS
DECHARACTERIZED SODIUM SULFITE

1 year
1 year
1 year

January 1, 2016

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ALLERGENS STATEMENT

This is to certify that the products listed below are not processed with, do not come in contact with, or do not contain any of the following known allergens:

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

These products do contain Sulfites, which are an allergen, and are also considered Sulfiting Agents.

PRODUCT	GRADE	CODE
Sodium Metabisulfite	NF / Food and Photographic	1NP04E
Sodium Metabisulfite	Technical	1NP01E

January 1, 2016

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Badatz Mehadrin Milan

President
Rabbi Gershon M. Garelik
Rabbinic Administrator, CEO
Rabbi Avraham Hazan

Rabbinic Coordinators
Rabbi Menachem Kaplan
Rabbi Levi Hazan
Betzael Schutz Technical Director

בד"צ מהדרין מילאנו

בס"ד

Kosher Certification

Milan 5 Adar 2^o 5776
March 15, 2016

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

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

אם ומה

This is to certify that the following products:

Ammonio Bisolfito Soluzione - Ammonium Bisulphite Solution
Anidride Solforosa Liquida - Liquid Sulphur Dioxide
Sodio Metabisolfito - Sodium Metabisulphite
Sodio Solfato Anidro - Sodium Sulphite Anhydrous
Sodio Bisolfito Soluzione - Sodium Bisulphite Solution
Sodio Tiosolfato - Sodium Thiosulphate
Sulfimag Hfs: Magnesio Bisolfito Sol. - Magnesium Bisulphite Sol.

produced at **Esseco Srl**, S. Martino di Trecate, Italy,

are *הם* **Kosher Parve for Passover**

על פניו

under our supervision,

Badatz Mehadrin Milan, Italy, Kashruth Division.

This certificate is valid until **March 31, 2017**
and is subject to renewal at that time.

ה' ניסן תשע"ז

Our best regards,

Rabbi G. M. Garelik

Rabbi Avraham Hazan



ה' ניסן תשע"ז
אברהם ד"ר אהרן שמואל
ה' אהרן ד"ר שמואל
מילאנו



**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: Mark D. Dulik

TITLE: Senior Engineer

DATE: January 1, 2016

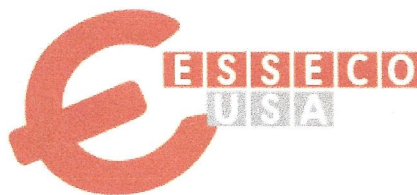


COUNTRY OF ORIGIN STATEMENT

All grades of sodium metabisulfite sold by Esseco USA were produced by Esseco Srl in Treocate, Italy.

January 1, 2016

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HACCP STATEMENT

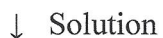
The NF/Food and Photo grade of sodium metabisulfite sold by Esseco USA is manufactured with a HACCP program in place.

FLOW CHART

Raw Material Charge (Phase 1)



SO₂ Absorption (Phase 2)



Crystallization (Phase 3)



Centrifuge (Phase 4)



Drying (Phase 5)



Packaging (Phase 6)



Analysis (Phase 7)



Sales

January 1, 2016

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RISK ANALYSIS

FAMILY PRODUCTS: INDUSTRIAL SOLIDS

FLOW SHEET: see enclosed

PHASE	RISK			PREVENTIVE CHECK	CCP	MONITORING	CORRECTIVE ACTION	REGISTERED
	M	C	P					
1	NO	YES	NO	Chemical control of r.m.	YES	Every arrival, statiscally, by supplier CoA and approved supplier	Claim and /or product rejected	On CoA
	NO	YES	NO	Chemical control of water	YES	Statistical check	Resin regeneration or substitution	On record
	NO	NO	YES	Cutter elimination	YES	Statistical check	Substitution with knife one piece	On record
2	NO	NO	NO					
3	NO	NO	NO		NO			
4	NO	NO	NO		NO			
5	NO	NO	YES	Cutter elimination	YES	Statistical check	Substitution with knife one piece	On record
6	NO	NO	YES	Metal detector use	YES	Weekly functional check	Maintenance request	On record
	NO	NO	YES	Jewellery policy	YES	Check of right behaviour during production	Request of correct behaviour	On production documentation
7	NO	YES	YES	Chemical and visual control	YES	Every lot and statistically	Segregation	On CoA

Legenda

RISK M: MICROBIOLOGICAL

RISK C: CHEMICAL

RISK P: FOREIGN MATTER



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/CERTIQUALITY S.r.l.

ESSECO S.r.l.

IT - 28069 SAN MARTINO DI TRECATE (NO) - VIA SAN CASSIANO 99

has implemented and maintains a
Quality Management System
which fulfills the requirements of the following standard

ISO 9001:2008

for the following activities

Code **EA 12, 3**

Development, production and sale of: chemicals for agriculture and industry;
additives and adjuvants for the wine and food industry.
Production, stocking and sale of de-icers (for airport runways).

in the following operative units

IT - 28069 SAN MARTINO DI TRECATE (NO) - VIA SAN CASSIANO 99

Issued on: **2014-06-12**

Certified since: **1994-06-10**

Expire on: **2017-06-11**

Registration number: **IT-1637**



Michael Drechsel

President of IQNET



Ing. Claudio Provetti

President of CISQ

IQNet Partners*:

AENOR Spain AFNOR Certification France AIB-Vinçotte International Belgium ANCE-SIGE Mexico APCER Portugal CCC Cyprus
CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany DS Denmark
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia IMNC Mexico INNORPI Tunisia
Inspecta Certification Finland IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway
NSAI Ireland PCBC Poland Quality Austria Austria RR Russia SII Israel SIQ Slovenia SIRIM QAS International Malaysia
SQS Switzerland SRAC Romania TEST St Petersburg Russia TSE Turkey YUQS Serbia

IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



LOT NUMBER SYSTEM

The first number designates 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 30255

3 - Year of Manufacture, 2013

025 - Julian day of calendar Year, January 25

5 - Product was packaged out of bin 5

January 1, 2016

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NUTRITIONAL VALUE OF SODIUM METABISULFITE

Unit of Measurement, 100 Grams

Total Fat:	Zero g
a) Saturated Fat	Zero g
b) Monounsaturated Fat	Zero g
c) Polyunsaturated Fat	Zero g
d) Trans Fat	Zero g
Calories from Total Fat:	Zero ea
a) from Saturated Fat	Zero ea
c) from Unsaturated Fat	Zero ea
Cholesterol:	Zero mg
Sodium:	24211 mg
Sugar:	Zero g
Fiber:	Zero g
Protein:	Zero g
Carbohydrates:	Zero g
Ash:	32.6 g
Moisture:	Trace g
Vitamin A:	Zero mg
Vitamin C:	Zero mg
Thiamine:	Zero mg
Riboflavin:	Zero mg
Niacin:	Zero mg
Calcium:	1.0 mg
Iron:	0.06 mg
Phosphorus:	0.01 mg
Magnesium:	0.70 mg
Potassium:	58.2 mg
Total Calories:	Zero ea

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