

SODIUM SULFITE TECH GRADE DATA PACKAGE DOCUMENTS

Specification	Page 2
Manufacturing Site Statement	Page 3
Animal Testing Statement	Page 3
Composition Statement	Page 3
ISO 9001:2015 Quality Management System	Page 4-5
Manufacturing Flow Diagram	Page 6
Label	Page 7



PRODUCT SPECIFICATIONS

SODIUM SULFITE

TECHNICAL GRADE

CODE: 1NS01E EFFECTIVE: 01/01/2022

PARAMETERS & SPECIFICATIONS

Sodium Sulfite (Na₂SO₃) Alkalinity (Na₂CO₃) Heavy Metals (as Pb) Iron (Fe) Sodium Chloride (NaCl) Sodium Sulfate (Na₂SO₄) Water Insolubles pH (1 % solution) Appearance 97.0 - 100.0 % 0.0 - 0.5 % 0.0 - 0.002 % 0.0 - 0.0015 % 0.0 - 0.02 % 0.0 - 2.5 % 0.0 - 100.0 ppm 9.7 - 10.3 White to Pale Yellow

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.

Esseco USA LLC 4 Gatehall Drive Parsippany, NJ 07054



SODIUM SULFITE TECH GRADE STATEMENTS

Manufacturing Site

The sodium sulfite technical grade(1NS01E) sold by Esseco USA has been manufactured by Esseco Srl at the following address:

Esseco Srl Via San Cassiano 99 San Martino di Trecate, Novara 28069 Italy

Animal Testing

The sodium sulfite sold by Esseco USA and produced by Esseco Srl in Trecate, Italy has not been tested on animals.

Composition

The technical grade of sodium sulfite sold by Esseco USA has the following composition:

Component	Percent	CAS Number
Sodium Sulfite	98.9	7757-83-7
Sodium Sulfate	1.1	7757-82-6
Total:	100.0	

Shelf Life

The sodium sulfite sold by Esseco USA has a 3 year shelf life when stored in the original container. The original container should also be stored in a cool and dry indoor location when possible(humidity and dampness promote oxidation).

January 1, 2022

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

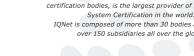
CISQ is a member of



IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

> For information concerning the validity of the certificate, you can visit the site www.certiquality.it

> > The validity this certificate depends on annual audit and on a complete review every three years of the Management System.



HA ATTUATO E MANTIENE UN SISTEMA DI GESTIONE QUALITA' CHE E' CONFORME ALLA NORMA HAS IMPLEMENTED AND MAINTAINS A QUALITY MANAGEMENT SYSTEM WHICH COMPLIES WITH THE FOLLOWING STANDARD UNI EN ISO 9001:2015

SETTORE CODE

IAF 12, 3

PER LE SEGUENTI ATTIVITA' / FOR THE FOLLOWING ACTIVITIES

Sviluppo, produzione e vendita 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 aereoporti) e sodio idrosolfito.

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) and sodium dithionite.

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS OF THE RULES FOR THE CERTIFICATION OF MANAGEMENT SYSTEMS

PRIMA EMISSIONE FIRST ISSUE DATA DELIBERA DECISION DATE DATA SCADENZA EXPIRY DATE EMISSIONE CORRENTE ISSUE DATE

10/06/1994 09/06/2020 09/06/2023 09/06/2020

CERTIQUALITY S.r.I. - IL PRESIDENTE Via G. Giardino 4 - 20123 MILANO (MI) - ITALY



1

www.cisq.com

CISO è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale. CISQ is the Italian Federation of management system Certification Bodies.



Signatory of EA. IAE and ILAC Mutual Recogni

ED 01 0106 C02



CERTIFICATE No

SI CERTIFICA CHE L'ORGANIZZAZIONE WE HEREBY CERTIFY THAT THE ORGANIZATION

ESSECO S.r.l.

IT - 28069 SAN MARTINO DI TRECATE (NO) - VIA SAN CASSIANO 99 NELLE SEGUENTI UNITA' OPERATIVE / IN THE FOLLOWING OPERATIVE UNITS IT - 28069 SAN MARTINO DI TRECATE (NO) - VIA SAN CASSIANO 99 IT - 37060 LUGAGNANO DI SONA (VR) - VIA DELL'INDUSTRIA 18

158

(R)



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CISQ/CERTIQUALITY S.r.I.

has issued an IQNet recognised certificate that the organization:

ESSECO S.r.l.

IT - 28069 SAN MARTINO DI TRECATE (NO) - VIA SAN CASSIANO 99 for the following scope

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) and sodium dithionite.

> has implemented and maintains a Quality Management System which fulfills the requirements of the following standard ISO 9001:2015

 Issued on:
 2020-06-09

 First issued on:
 1994-06-10

 Expires on:
 2023-06-09

 This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration number: IT-1637



Alex Stoichitoiu President of IQNET



Ing. Mario Romersi

President of CISO

IQNet Partners*:

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ Italy CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertifiointi Oy Finland INTECO Costa Rica IRAM Argentina JQA Japan KFQ Korea MIRTEC Greece MSZT Hungary Nemko AS Norway NSAI Ireland NYCE-SIGE México 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

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



FLOW CHART

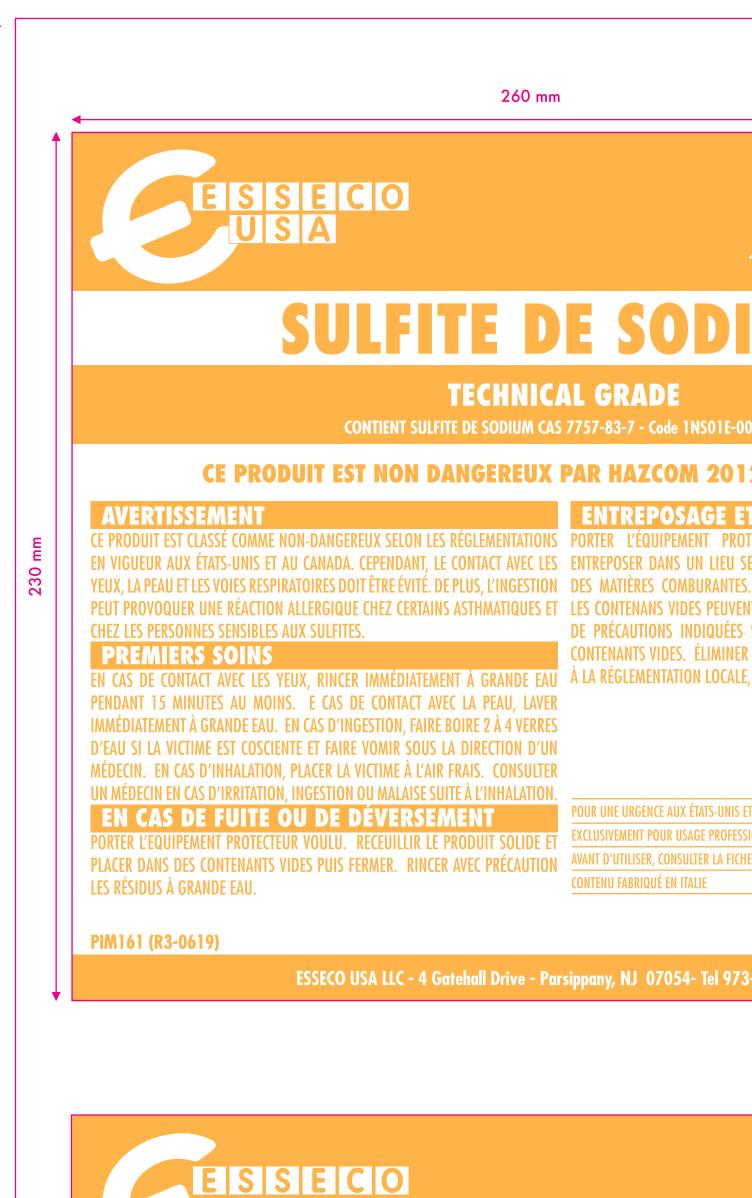
The sodium sulfite sold by Esseco USA is manufactured by the following process phases:

FLOW CHART

Raw Material Charge (Phase 1) \downarrow SO2 Absorption (Phase 2) \downarrow Solution Crystallization (Phase 3) \downarrow Centrifuge (Phase 4) \downarrow Drying (Phase 5) \downarrow Packaging (Phase 6) \downarrow Analysis (Phase 7) \downarrow Sales

January 1, 2022

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



SULFITE DE SODI

TECHNICAL GRADE

CONTIENT SULFITE DE SODIUM CAS 7757-83-7 - Code 1NS01

CE PRODUIT EST NON DANGEREUX PAR HAZCOM 201

AVERTISSEMENT

SA

CE PRODUIT EST CLASSÉ COMME NON-DANGEREUX SELON LES RÉGLEMENTATIONS EN VIGUEUR AUX ÉTATS-UNIS ET AU CANADA. CEPENDANT, LE CONTACT AVEC LES ENTREPOSER DANS UN LIEU YEUX, LA PEAU ET LES VOIES RESPIRATOIRES DOIT ÊTRE ÉVITÉ. DE PLUS, L'INGESTION DES MATIÈRES COMBURANT PEUT PROVOQUER UNE RÉACTION ALLERGIQUE CHEZ CERTAINS ASTHMATIQUES ET LES CONTENANS VIDES PEUVE CHEZ LES PERSONNES SENSIBLES AUX SULFITES.

PREMIERS SOINS EN CAS DE CONTACT AVEC LES YEUX, RINCER IMMÉDIATEMENT À GRANDE EAU À LA RÉGLEMENTATION LOCALE PENDANT 15 MINUTES AU MOINS. E CAS DE CONTACT AVEC LA PEAU, LAVER IMMÉDIATEMENT À GRANDE EAU. EN CAS D'INGESTION, FAIRE BOIRE 2 À 4 VERRES D'EAU SI LA VICTIME EST COSCIENTE ET FAIRE VOMIR SOUS LA DIRECTION D'UN MÉDECIN. EN CAS D'INHALATION, PLACER LA VICTIME À L'AIR FRAIS. CONSULTER UN MÉDECIN EN CAS D'IRRITATION, INGESTION OU MALAISE SUITE À L'INHALATION. EN CAS DE FUITE OU DE DÉVERSEMENT

PORTER L'EQUIPEMENT PROTECTEUR VOULU. RECEUILLIR LE PRODUIT SOLIDE ET PLACER DANS DES CONTENANTS VIDES PUIS FERMER. RINCER AVEC PRÉCAUTION AVANT D'UTILISER, CONSULTER LA FICI LES RÉSIDUS À GRANDE EAU.

PIM161 (R3-0619)

55

ESSECO USA LLC - 4 Gatehall Drive - Parsippany, NJ 07054- Tel 9

290 mm

22.7kg	50 15 5	ESSECO USA
E SODIUM	8	SODIUM
AL GRADE 7757-83-7 - Code 1NS01E-0050LB		TECHNIC CONTAINS SODIUM SULFITE CAS
PAR HAZCOM 2012 ET WHMIS 2015		THIS PRODUCT IS NON-HAZARDOUS
ENTREPOSAGE ET MANIPULATION PORTER L'ÉQUIPEMENT PROTECTEUR VOULU DURANT LA MANIPOLATION. ENTREPOSER DANS UN LIEU SEC ET FRAIS, BIEN AERÉ, À L'ABRI DES ACIDES ET DES MATIÈRES COMBURANTES. CONSERVER DANS DES CONTENANTS FERMÉS. LES CONTENANS VIDES PEUVENT CONTENIR DES RÉSIDUS. TOUTES LES MESURES DE PRÉCAUTIONS INDIQUÉES SUR LES ÉTIQUETTES S'APPLIQUENT AUSSI AUX CONTENANTS VIDES. ÉLIMINER LE CONTENU ET RECIPIENT DANS CONFORMÉMENT	Certified to NS Maximum San Matri	ATTENTION THIS PRODUCT IS CLASSIFIED AS NON-HAZARDOUS UNDER EXISTING UNITED STATES AND CANADIAN REGULATIONS. HOWEVER, CONTACT WITH EYES, SKIN, AND RESPIRATORY TRACT SHOULD BE AVOIDED. IN ADDITION, INGESTION MAY CAUSE AN ALLERGIC REACTION IN SOME ASTHMATICS AND SULFITE SENSITIVE INDIVIDUALS. FIRST AID
À LA RÉGLEMENTATION LOCALE, RÉGIONALE ET NATIONALE.	NSE Evel 2 mg/. Martino Trezate. Italy	IF IN CONTACT WITH EYES, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IN CONTACT WITH SKIN, FLUSH WITH PLENTY OF WATER. IF SWALLOWED AND IF CONSCIOUS, IMMEDIATELY GIVE VICTIM 2 TO 4 GLASSES OF WATER AND INDUCE VOMITING UNDER MEDICAL SUPERVISION.
POUR UNE URGENCE AUX ÉTATS-UNIS ET CANADA, APPELEZ CHEMTREC 800-424-9300 Exclusivement pour usage professionel Avant d'utiliser, consulter la fiche de données de sécurité Contenu fabriqué en Italie		IF INHALED, MOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION FOR IRRITATION, INGESTION OR DISCOMFORT FROM INHALATION. IN CASE OF SPILL WEAR PROPER PROTECTIVE EQUIPMENT. SHOVEL UP DRY CHEMICAL INTO EMPTY
contend FABRIQUE EN HALIE rsippany, NJ 07054- Tel 973-267-3330		CONTAINER AND COVER. CAUTIOUSLY SPRAY RESIDUE WITH WATER. ESSECO USA LLC - 4 Gatehall Drive - Pa
	5	E S S E C O U S A
2-2-3-7 kg	20	
E SODIUM	8	SODIUM
AL GRADE 7757-83-7 - Code 1NS01E-0050LB		TECHNICA CONTAINS SODIUM SULFITE CAS
PAR HAZCOM 2012 ET WHMIS 2015		THIS PRODUCT IS NON-HAZARDOUS
ENTREPOSAGE ET MANIPULATION PORTER L'ÉQUIPEMENT PROTECTEUR VOULU DURANT LA MANIPOLATION. ENTREPOSER DANS UN LIEU SEC ET FRAIS, BIEN AERÉ, À L'ABRI DES ACIDES ET DES MATIÈRES COMBURANTES. CONSERVER DANS DES CONTENANTS FERMÉS. LES CONTENANS VIDES PEUVENT CONTENIR DES RÉSIDUS. TOUTES LES MESURES DE PRÉCAUTIONS INDIQUÉES SUR LES ÉTIQUETTES S'APPLIQUENT AUSSI AUX CONTENANTS VIDES. ÉLIMINER LE CONTENU ET RECIPIENT DANS CONFORMÉMENT	ADE Certified to NS Maximum San Matri	ATTENTION THIS PRODUCT IS CLASSIFIED AS NON-HAZARDOUS UNDER EXISTING UNITED STATES AND CANADIAN REGULATIONS. HOWEVER, CONTACT WITH EYES, SKIN, AND RESPIRATORY TRACT SHOULD BE AVOIDED. IN ADDITION, INGESTION MAY CAUSE AN ALLERGIC REACTION IN SOME ASTHMATICS AND SULFITE SENSITIVE INDIVIDUALS. FIRST AID
À LA RÉGLEMENTATION LOCALE, RÉGIONALE ET NATIONALE.	NSF/ANSI Standard 60 furm use Level 22 mg/t. Martino Trecate, Italy	IF IN CONTACT WITH EYES, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IN CONTACT WITH SKIN, FLUSH WITH PLENTY OF WATER. IF SWALLOWED AND IF CONSCIOUS, IMMEDIATELY GIVE VICTIM 2 TO 4 GLASSES OF WATER AND INDUCE VOMITING UNDER MEDICAL SUPERVISION.
POUR UNE URGENCE AUX ÉTATS-UNIS ET CANADA, APPELEZ CHEMTREC 800-424-9300 Exclusivement pour usage professionel Avant d'utiliser, consulter la fiche de données de sécurité Contenu fabriqué en italie		IF INHALED, MOVE VICTIM TO FRESH AIR. GET MEDICAL ATTENTION FOR IRRITATION, INGESTION OR DISCOMFORT FROM INHALATION. IN CASE OF SPILL WEAR PROPER PROTECTIVE EQUIPMENT. SHOVEL UP DRY CHEMICAL INTO EMPTY CONTAINER AND COVER. CAUTIOUSLY SPRAY RESIDUE WITH WATER.
rsippany, NJ 07054- Tel 973-267-3330		ESSECO USA LLC - 4 Gatehall Drive - Pe
	80 mm	290 mm



E S S E C O U S A NSE **SODIUM** GRADE SULFITE DE Zkg 22. E S S E C O U S A NSE **SODIUM** GRADE SULFITE DE TECHNICAL O Zkg R R

80 mm