

Centre Anti-Poison pour le Québec: (800) 463-5060 Tél. (Qc): (418) 660-8666 / 800-890-8666 Fax. (Qc): (418) 660-8998

SAFETY DATA SHEET

SECTION 01 - PRODUCT AND COMPANY IDENTIFICATION

Product Identifier			Product Use		
SODIUM SULFITE (ANHYDROUS)			Laboratory use		
Chemical formula				Product code SP-0970;	Molar weight
Na ₂ SO ₃				SR-0170 ; SC-0170; ST-0120	126,04
Chemical name / Commercial name / Synonymous SODIUM SULFITE ANHYDRE, SODIUM SULPHITE, DISODIUM SULF			LFITE, SULFUROUS A	ACID SODIUM SALT, EXSICATED SODI	ium sulfite
Supplier's name			Address-Street		
Laboratoire MAT			610, Adanac Street		
City		Province			
Québec			Québec		
Postal code Internet			Phone number		
G1C 7B7 www.labmat.com		418-660-8666 / 800-890-8666			
Emergency phone CANUTEC: 613-996-6666		CENTRE ANTI-POISON DU QUÉBEC 800-463-5060			
Date SDS SDS Prepared by		SDS Prepared by	•	E-Mail	
9/27/2018 Laboratoire MA		.Τ	labmat@labmat.com		

SECTION 02 - HAZARDS IDENTIFICATION

Classification WHIMS / GHS	Not a hazardous substance or mixture	
Other dangers		NFPA (Risk: 0=No risk; 1=Slight; 2=Moderate; 3=Signifiant; 4=Extreme)
	Health Fire Reactivity Special danger	1 0 1

SECTION 03 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingrédients (Dénomination chimique / synonymes)	Numéro CAS et tout identificateur unique	Concentration (%)
Sulfite de sodium	7757-83-7	<=100

SECTION 04 - FIRST AID MEASURES

Eye contact	Wash eyes with large amounts of water for at least 15 minutes while holding eyelids apart to rinse eyes. If irritation persists, seek medical attention.
Skin contact	Wash skin with plenty of water for at least 15 minutes. Remove soiled clothing. If irritation persists, seek medical attention.
Inhalation	If breathing is difficult, give oxygen. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion	If the person is conscious, give water to drink. Never give anything by mouth to an unconscious person. Consult a physician.
Most important symptoms and effects (acute and delayed)	Ref. section 11.
Immediate medical attention and special treatment, if necessary	In case of medical consultation, keep this sheet available.
General advice	Show this safety data sheet to the doctor in attendance.

SECTION 05 - FIREFIGHTING MEASURES

Flammability	No
Ignition conditions	Not flammable or combustible.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Not applicable.
Dangerous fumes - combustion	When heated to decomposition, the product emits toxic fumes: Sulfur oxides. Sodium oxides
Hazardous combustion products	Hazardous decomposition products formed under fire conditions Sulphur oxides - Sodium oxides.
Special fire and explosion hazards	May react violently with incompatible products (Ref Section 10).
Special protective equipment and precautions for firefighters	Discard incompatible substances if this can be done without risk. Firefighters should be equipped with standard protective equipment, fireproof clothing, face mask, gloves, protective boots and, where appropriate, self-contained breathing apparatus.

SECTION 06 - ACCIDENTAL RELEASE MEASURES

Methods and materials for	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Pick
containment and cleaning up /	up with a shovel or broom, taking care not to scatter dust. Dispose of residues in a container provided for
Personnal precautions, protective	the disposal of hazardous materials. Do not let product enter drains.
equipment	

SECTION 07 - HANDLING AND STORAGE

_	Keep in a dry place. Keep container tightly closed and store away from heat, moisture, and incompatible products.
•	Wear personal protective equipment when handling. Always ensure good ventilation. Transport according to TDG (ref Section 14)

SECTION 08 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace control parameters

Components	CAS- No.	Value	Control Citric acid	
SODIUM SULFITE (ANHYDROUS)	<i>7757</i> - 83-7	No data available	TLV, TWA, STEL	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
		No data available	TLV, TWA, STEL	Canada. British Columbia OEL
		No data available	TLV, TWA, STEL	Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

Ventilation	Use fan.
Respiratory	If the permissible levels are exceeded, use a mechanical filter / cartridge against NIOSH vapors or a respirator with air supply.
Gloves	Handle with gloves.
Eyes	Safety googles with safety shutters.
Shoes	Safety shoes.
Clothing	Labcoat.
Engineering control	Have safety showers and eyewash stations in the workplace in case of an emergency and a ventilation system to maintain the level of concentrations in the air below the exposure limit values.

SECTION 09 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid.
Appearance	Poudre cristalline de couleur blanche-
Odour	Donnée non disponible.
Odour threshold	Data not available
рН	Solution aqueuse = pH \sim 9.0.
Melting point / Freezing point	Data not available
Initial boiling point	Data not available
Boiling range	Data not available
Flash point	Data not available
Evaporation rate	Data not available
Flammability	No
Lower flammable / Explosive limit	Data not available
Upper flammable / Explosive limit	Data not available
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	2.63g/cm ³
Solubility	Soluble dans l'eau. Peu soluble dans l'alcool.
Partition coefficient water/n-octanol	Data not available
Auto-ignition temperature	Data not available
Decomposition temperature	> 500°C
Viscosity	Data not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Non-reactive under normal conditions.		
Chemical stability	Stable under recommended storage conditions.		
Possibility of hazardous reactions	Stable under normal conditions.		
Conditions of instability (Including sensitivity to shock / static discharge / vibration)	Avoid moisture. Exposure to air can alter the quality of the product.		
Incompatible material	Strong acids, strong oxidants.		
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions Potassium oxides.		

SECTION 11 - TOXICOLOGICAL INFORMATION

SODIUM SULFITE (ANHYDROUS)

Routes of exposure	Ingestion, inhalation, skin and eyes.
Acute exposition effects / symptoms:	By exposure route below.
- Eyes	May cause eye irritation. Irritation and tearing.
- Skin	Irritation and dermatitis. May be harmful if absorbed through skin. May cause skin irritation.
- Inhalation	May be harmful if inhaled. Irritation of the mucous membranes and respiratory tract. May cause respiratory tract irritation.
Acute toxicity (Ingestion)	May be harmful if swallowed. Irritation of the mucous membranes. Vomiting. Diarrhea.
Chronic exposure effects / symptoms	This product may cause respiratory and skin sensitization. Burning sensation, dermatitis, conjunctivitis, nervous disorders, respiratory allergy, dyspnea, headache, cough, laryngitis, loss of appetite, convulsions, nausea and vomiting.
DL50 (specify species and route of entry)	Oral - Rat-1420 mg/kg Dermal - Rat : 2000 mg/kg
CL50 (specify species and route of entry)	Inhalation- Rat: 5.5 mg/L air (4hres)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity	Toxicity to fish: LC50: Leuciscus idus melanotus: 220 - 460 mg/L, 96h
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
Bioaccumulative potential	Data not available.
Mobility in soil	Probable mobility due to its solubility in water.
Other adverse effects	Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

	Dispose of contents / container in accordance with local / regional / national / international regulations / or contact a specialist waste disposal company.
Contaminated Packaging	Dispose of as unused product.

SECTION 14 - TRANSPORT INFORMATION

UN Number	N/R
UN Proper shipping name	
Transport hazard class(es)	
Packing group	
Limited quantity index	
ERAP Index	
Special precautions	

SECTION 15 - REGULATORY INFORMATION

WHIMS CANADA	Not a hazardous substance or mixture

SECTION 16 - OTHER INFORMATION

Further information

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. Laboratoire MAT Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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