


Section 1: Identification

Common Name/Trade Name	SODIUM METABISULFITE	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Sodium Pyrosulfite, ABS	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, Oral (Category 4), Serious eye damage (Category 1)	
Signal Word	Danger	
Hazard Statement(s)	H302 H318	Harmful if swallowed Causes serious eye damage
Pictogram(s)		
Precautionary Statement(s)	P264 P270 P280 P301+P312 P305+P351+P338 P310 P330 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. 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/physician. Rinse mouth. Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	No data available.	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	Sodium metabisulfite
Common Name	Sodium metabisulfite
CAS Number	7681-57-4
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Not available.
If Inhaled	Remove to fresh air. Get immediate medical attention if signs of suffocation, irritation, difficulty breathing, or other symptoms develop.
In Case of Skin Contact	Wash skin with plenty of soap and water. Remove contaminated clothing and laundry before reuse. Get medical attention if irritation persists.
In Case of Eye Contact	Flush eyes immediately with water for at least 15 minutes. Remove contact lenses if present after the first 5 minutes if you can do so easily and continue flushing. Get immediate medical attention.
If Swallowed	Rinse mouth with water and give 1 glass of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms develop.
Most Important Symptoms and Effects	May irritate the skin. May cause irritation and/or burns to the eyes. Harmful if swallowed or inhaled. May cause severe and possibly fatal allergic reactions if inhaled or swallowed by some asthmatics and other sulfite-sensitive individuals. Reacts with acids to form toxic and irritating sulfur dioxide gas. Releases sulfur dioxide if heated above 150°C (302°F). INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NEEDED: Immediate medical attention is required for eye contact and allergic respiratory reaction. Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Material is not flammable. Use extinguishing media appropriate for material in surrounding fire.
Special Hazards Arising From the Substance/Mixture	Releases toxic and irritating sulfur dioxide at fire temperatures.
Special PPE and/or Precautions for Firefighters	Wear NIOSH-approved self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Provide ventilation to clear sulfur dioxide fumes which may be generated by contact with water. Wear appropriate personal protective equipment.
Methods and Materials Used for Containment	Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.
Cleanup Procedures	Promptly sweep up material with minimum dusting and shovel into an empty container with a cover. Rinse spill area with plenty of water.

Section 7: Handling and Storage

Precautions for Safe Handling	(See section 8 for recommended personal protective equipment.) Avoid contact with skin, eyes and clothing. Do not breathe dust. Do not eat or drink in the work area. Use normal personal hygiene and housekeeping. Keep away from water, ice, acids, heat and oxidizing agents. For Food Grade product, see precautions in section 16 regarding on-board use in preserving shrimp and fish.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area away from water, ice, acids, and oxidizing agents. Releases sulfur dioxide gas slowly at ambient temperatures.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Sodium metabisulfite 5 mg/m ³ TWA. OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS: Sulfur dioxide: OSHA TWA = 5 ppm ACGIH STEL = 0.25 ppm
Appropriate Engineering Controls	Local exhaust if dusty conditions exist or if there is a release of sulfur dioxide gas. Do not use in unventilated spaces, e.g., the holds of fishing boats, walk-in coolers or confined spaces. Eyewash and safety shower are recommended.
PPE - Eye/Face Protection	Wear chemical safety goggles.
PPE - Skin Protection	For handling dry material, wear rubber gloves and full work clothing, including long-sleeved shirt and trousers. When handling solutions and there is prolonged or repeated contact, wear impervious gloves, clothing and boots.
PPE - Body Protection	For handling dry material, wear rubber gloves and full work clothing, including long-sleeved shirt and trousers. When handling solutions and there is prolonged or repeated contact, wear impervious gloves, clothing and boots.
PPE - Respiratory Protection	Where required, use a NIOSH-approved respirator for dust, mist and/or sulfur dioxide gas, as conditions indicate. Some exposures may require a NIOSH-approved self-contained breathing apparatus or supplied-air respirator. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice.

Section 9: Physical and Chemical Properties

Appearance	Fine, white granular material. Physical State: Solid.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Pungent sulfur dioxide odor.
Vapor Pressure	No data available
Odor Threshold	Not determined.
Vapor Density	No data available
pH	1% solution - 4.3
Relative Density	(water = 1.0): 1.48
Melting Point/Freezing Point	Begins to rapidly decompose above 150°C (302°F)
Solubility	Solubility in water (weight %): 39% at 16°C (60.8°F)
Initial Boiling Point and Boiling Range	Not applicable
Flash Point	Not flammable
Evaporation Rate	Not applicable
Flammability (Solid, Gas)	Not flammable
Partition Coefficient	Not determined
Auto-Ignition Temperature	Not applicable.
Decomposition Temperature	Not determined
Viscosity	Not applicable

Section 10: Stability and Reactivity

Reactivity	Not normally reactive
Chemical Stability	Normally stable.
Possibility of Hazardous Reactions	Reacts with acids to form toxic and irritating sulfur dioxide gas.
Conditions to Avoid	Avoid elevated temperatures. Temperatures above 150°C (302°F) cause the rapid evolution of toxic and corrosive sulfur dioxide gas.
Incompatible Materials	Oxidizers: may cause strong exothermic reactions. Acids, water and ice: releases sulfur dioxide gas which is toxic, corrosive, and potentially deadly. Water and/or ice speeds the production of sulfur dioxide gas.
Hazardous Decomposition Products	Sulfur dioxide and sodium sulfide residue. Sodium sulfide is flammable, a dangerous fire risk, a strong irritant to skin and tissue, and is incompatible with acids.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 (oral, rat) = 1131 – 3200 mg/kg. May irritate the gastrointestinal tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Very large doses may cause violent colic, diarrhea, depression, and even death.
Acute Toxicity - Inhalation	Inhalation of dust or mist can irritate the respiratory tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Possible signs and symptoms of allergic reactions include bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure, and anaphylaxis. Contact with acids, water and/or ice, releases sulfur dioxide gas which may be harmful or deadly if inhaled.
Acute Toxicity - Dermal	Repeated or prolonged contact with dust may cause irritation. Contact with solutions will cause skin irritation and possibly burns.
Acute Toxicity - Eye	Dust or mist may irritate or burn the eyes. Solutions will irritate or burn. Permanent eye injury is possible.
Skin Corrosion/Irritation	Repeated or prolonged contact with dust may cause irritation. Contact with solutions will cause skin irritation and possibly burns.
Serious Eye Damage/Irritation	Dust or mist may irritate or burn the eyes. Solutions will irritate or burn. Permanent eye injury is possible.
Respiratory or Skin Sensitization	Inhalation of dust or mist can irritate the respiratory tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Possible signs and symptoms of allergic reactions include bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure, and anaphylaxis. Contact with acids, water and/or ice, releases sulfur dioxide gas which may be harmful or deadly if inhaled.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available.
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available.
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	The following ecotoxicity data is available for Sodium metabisulfite: Daphnia EC50 48h 89 mg/L Fish LC50 96h 32 mg/L Algae EC50 72h 48 mg/L
Persistence and Degradability	Chemical Oxygen Demand (COD) 168 mg/g
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	RCRA Is the unused product a RCRA hazardous waste if discarded? No If yes, the RCRA ID number is: Not applicable. Dispose of in accordance with applicable Federal, State and Local regulations.
Waste Treatment Methods Packaging	Dispose of in accordance with applicable Federal, State and Local regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) TSCA INVENTORY STATUS: All components are listed on TSCA Inventory of Chemical Substances. OTHER TSCA ISSUES: None. SARA TITLE III/CERCLA "Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients. INGREDIENT NAME SARA/CERCLA RQ (lb) SARA EHS TPQ (lb) No ingredients listed in this section -----Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee. Many states have more stringent regulations. Report all spills in accordance with local, state and federal regulations. SECTION 311 HAZARD CLASS: See OSHA Hazard Classification in Section 2. SARA 313 TOXIC CHEMICALS: The following ingredients are SARA 313 "Toxic Chemicals" and may be subject to annual reporting requirements. CAS numbers and weight percents are found in Section 2. INGREDIENT NAME COMMENT No ingredients listed in this section -----STATE RIGHT-TO-KNOW In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes. INGREDIENT NAME WEIGHT % COMMENT No ingredients listed in this section. ---- ---- CALIFORNIA PROPOSITION 65 This product does not contain any ingredients known to the State of California to cause cancer and/or reproductive harm. ADDITIONAL REGULATORY INFORMATION: None FOREIGN CHEMICAL CONTROL INVENTORY STATUS: Listed on Canadian DSL, Australian AICS, Philippines PICCS, Chinese IECSC, Japanese MITI, Korean KECL, and EU EINECS.

Section 16: Other Information

Additional Information	N/A
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