

Section 1: Identification

Common Name/Trade Name	SODIUM METABISULFITE NF	
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)
Product Synonym(s)	Sodium disulfite Sodium pyro sulfite	
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), Acute aquatic toxicity (Category 3), Chronic aquatic toxicity (Category 3)	
Signal Word	Danger	
Hazard Statement(s)	H302 H318 H412	Harmful if swallowed Causes serious eye damage Harmful to aquatic life with long lasting effects
Pictogram(s)		
Precautionary Statement(s)	P264 P270 P273 P280 P301+P312 P305+P351+P338 P310 P330 P501	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. 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	Contact with acids liberates toxic gas.	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

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

Section 4: First Aid Measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most Important Symptoms and Effects	The most important known symptoms and effects are described in labeling (see section 2.2) and/or section 11.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry powder.
Special Hazards Arising From the Substance/Mixture	This product itself does not burn.
Special PPE and/or Precautions for Firefighters	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
Methods and Materials Used for Containment	Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal.
Cleanup Procedures	Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable, closed containers for disposal. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for Safe Storage	Keep container tightly closed in a dry and well-ventilated place. Never allow product to get in contact with water during storage. Do not store near acids. Air and moisture sensitive. Keep in a dry place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Component: Sodium metabisulphite CAS-No. 7681-57-4 Value: STEL Control Parameters 5mg/m3 Basis: USA. ACGIH Threshold Limit Values (TLV). Remarks: Upper Respiratory Tract irritation Not classifiable as a human carcinogen. Component: Sodium metabisulphite CAS-No. 7681-57-4 Value: TWA Control Parameters 5mg/m3 Basis: USA. OSHA TABLE Z-1 Limits for Air Contaminants-1910.1000. Component: Sodium metabisulphite CAS-No. 7681-57-4 Value: TWA Control Parameters 5mg/m3 Basis: USA. NIOSH Recommended Exposure Limits.
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
PPE - Eye/Face Protection	Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
PPE - Skin Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
PPE - Body Protection	Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
PPE - Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full-face air respirator. Use respirators and components tested and approved under government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Colour: Colourless
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Pungent
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	4.5 at 50 g/l at 20 °C (68 °F)
Relative Density	1.480 g/cm ³
Melting Point/Freezing Point	Melting point/range: > 300 °C (> 572 °F)
Solubility	Water solubility 650 g/l at 20 °C (68 °F)
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	log Pow: -3.7 at 25 °C (77 °F)
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Exposure to moisture. Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Exposure to air. Heat
Incompatible Materials	Strong acids, Strong oxidizing agents.
Hazardous Decomposition Products	Other decomposition products-No data available

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 1,540 mg/kg (OECD Test Guideline 401)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	LD50 Dermal - rat - > 2,000 mg/kg
Acute Toxicity - Eye	Eyes-rabbit Result: Risk of serious damage to eyes. (OECD Test Guideline 405)
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	Eyes-rabbit Result: Risk of serious damage to eyes. (OECD Test Guideline 405)
Respiratory or Skin Sensitization	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	3-Group 3: Not classifiable as to its carcinogenicity to humans (Sodium metabisulphite).
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No component of this product present at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP.
Carcinogenicity OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
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	Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 150 - 220 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 89 mg/l - 24 h. Toxicity to algae IC50 - Desmodesmus subspicatus (green algae) - 48 mg/l - 72 h. Toxicity to bacteria - Pseudomonas putida - 56 mg/l - 17 h
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Waste Treatment Methods Packaging	Dispose of as unused product.
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

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: Acute Health Hazard. Massachusetts Right To Know Components: Sodium metabisulphite CAS-No. 7681-57-4 Revision Date 2007-03-01. Pennsylvania Right To Know Components: Sodium metabisulphite CAS-No. 7681-57-4 Revision Date 2007-03-01. New Jersey Right To Know Components: Sodium metabisulphite CAS-No. 7681-57-4 Revision Date 2007-03-01. California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Additional Information	N/A
Prepared By	Lisa Russell
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Disclaimer

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