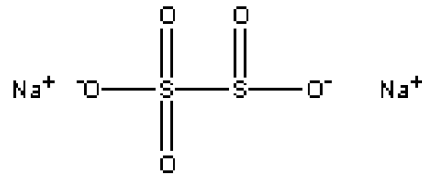




320 N. Walnut St.
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Material Safety Data Sheet

Section 1. Product and Identification	
Common name:	Sodium Metabisulfite
Synonyms:	Disodium disulfite, Disodium pyrosulfite
Molecular formula:	Na₂S₂O₅
Molecular Weight:	
CAS #:	7681-57-4
In case of emergency:	
Chemtrec (24hr)	(800) 424-9300
Supplier:	AerChem Inc. phone: (812) 334-9996 320 N. Walnut St. fax: (812) 334-1960 Bloomington, IN 47404 http://www.aerchem.com U.S.A..



Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight
Sodium Selenite	7681-57-4	100

Toxicological Data on Ingredients	Sodium Metabisulfite ORAL (LD50): N/A
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Section 3. Hazards Identification

Potential Acute Health Effects	Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion. Hazardous in case of inhalation. Slightly hazardous in case of skin contact (corrosive). The amount of tissue damage depends on the length of contact. Eyecontact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or occasionally, blistering.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not Available. MUTAGENIC EFFECTS: Not Available.

DEVELOPEMENTAL TOXICITY: Not Available
TERATOGENIC EFFECTS: Not Available.

Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

Section 4. First Aid Measures

Eye contact:	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
Skin contact:	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Serious Skin contact:	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
Inhalation:	Allow victim to rest in a well ventilated area. Seek immediate medical attention.
Serious Inhalation:	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
Ingestion:	DO NOT INDUCE VOMITING. Loosen tight clothing such as a collar, tie, belt, or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Section 5. Fire-Fighting Measures

Flash point:	N/A
Explosion Limits	not found
Flammability:	May be combustible at high temperature.
Extinguishing Media	Use water spray, carbon dioxide, dry chemical powder, and foam for fires involving this material. DO NOT use water jet.
Fire & Explosion Hazard:	N/A

Section 6. Accidental Release Measures

Steps taken for a Spill:	Sweep up, place in a container and hold for waste disposal. Ventilate area and neutralize residue with a dilute solution of sodium carbonate if necessary.
Waste Disposal Method:	Discard any waste product, residue, disposable container, liner or spilled material in an environmentally acceptable manner that is in full compliance with all applicable national and local laws and regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber. When this material is liquid, it is better to neutralize its chemical nature by using a dilute solution of sodium carbonate.

Section 7. Handling and Storage	
Handling:	Avoid eye, skin, and clothing contact and inhalation of this material as dust. This material may cause eye, skin, and respiratory irritation. Persons susceptible to allergies must not handle this material. Do not inhale this material dust. Wash hands thoroughly after handling. Avoid prolonged exposure.
Storage:	Store in closed containers in a cool, dry, and well-ventilated area away from heat, all sources of ignition, and light. Keep tightly closed.

Section 8. Exposure Controls	
Ventilation:	Local exhaust system
Eye protection:	Wear close-fitting chemical safety goggles.
Skin protection:	Avoid prolonged exposure. Use rubber gloves and clothing protection.
Respiratory protection:	Wear NIOSH approved respirators to protect from airborne dust.
Exposure limits:	TWA: 5 (mg/m ³) from ACGIH [1995]

Section 9. Physical and Chemical Properties	
Molecular weight:	190.13 g/mol
Appearance and odor:	N/A
pH:	N/A
Vapor pressure:	N/A
Specific gravity:	1.4 (water = 1)
Boiling point:	N/A
Melting point:	N/A
Solubility:	Easily soluble in cold water.

Section 10. Stability and Reactivity	
Chemically Stable .	
Avoid open flame and sources of ignition.	
Hazardous Polymerization does not occur .	

Section 11. Transportation Information	
DOT classification:	CLASS 8: Corrosive solid
Identification:	Corrosive solids n.o.s.: UN 1759, PG not available
Special provisions	Not available