



Safety Data Sheet  
According to the (US) Hazard Communication Standard (29 CFR 1910.1200)

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** Sodium Metabisulfite, ACS  
**NCL Catalog Number** S-60  
**Product Description** Laboratory chemical  
**Manufacturer** EMD Chemicals Inc. PO Box 70, 480 Democrat Road  
Gibbstown, NJ 08027  
**Supplier** NCL of Wisconsin, Inc. PO Box 8, Birnamwood, WI 54414  
Telephone: 1-800-648-7836 Fax: 715-449-2454  
Email: [nclabs@nclabs.com](mailto:nclabs@nclabs.com) Emergency Contact: 1-800-424-9300 (Chemtrec)

**SECTION 2: HAZARDS IDENTIFICATION**

**GHS Classification**

Acute Toxicity Oral Category 4  
Eye Damage Category 1  
Aquatic Acute Category 3  
Aquatic Chronic Category 3



**Signal Word** Danger

**Hazard Statements**

H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P264 Wash exposed skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P273 Avoid release to the environment.  
P280 Wear eye protection/face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P330 Rinse mouth.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.  
P501 Dispose of contents/container to comply with local, state and federal regulations.

**Other Hazards Not Contributing to the Classification** None under normal conditions.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Formula** Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>

**Common Name** Sodium Pyrosulfite

**Substance**

Name	CAS #	Approximate %
Sodium Metabisulfite	7681-57-4	100

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

<b>General First Aid Measures</b>	Never give anything by mouth to an unconscious person. Seek medical advice if you feel unwell.
<b>If Inhaled</b>	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor if you feel unwell.
<b>In Case of Skin Contact</b>	Remove contaminated clothing and shower/wash exposed skin with mild soap and water. Rinse with warm water. Call a POISON CENTER or doctor.
<b>In Case of Eye Contact</b>	Immediately flush eyes with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor.
<b>If Swallowed</b>	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

### Most Important Symptoms/Effects Acute and Delayed

No additional information.

### Indication of Immediate Medical Attention and Special Treatment Needed

Seek medical advice.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

<b>Suitable Extinguishing Media</b>	Foam. Dry powder. Sand. Carbon dioxide. Water spray.
<b>Unsuitable Extinguishing Media</b>	Do not use high pressure water stream.

### Special Hazards Arising from the Chemical

Thermal decomposition generates corrosive vapors.

### Special Protective Actions for Fire-Fighters

Wear self-contained breathing apparatus and protective clothing. Keep exposed containers cool with water spray.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Use personal protective equipment (see section 8). Safety glasses, gloves, gas/dust mask. Evacuate area of non-essential personnel. Eliminate ignition sources.
<b>Environmental Precautions</b>	Prevent entry to surface and ground waters.
<b>Methods and Materials for Containment and Cleaning Up</b>	Sweep up into closing containers. Collect spillage. Store away from other materials. Ensure compliance with federal, state and local regulations.

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Avoid contact with eyes and skin. Avoid breathing vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
<b>Conditions for Safe Storage Including any Incompatibilities</b>	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Store away from sunlight, which can contribute to instability. Store away from acids, oxidizing agents, and moisture.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Sodium Metabisulfite (7681-57-4)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA OSHA	OSHA TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

### Appropriate Engineering Controls

Material should be handled or transferred in a fume hood or with equivalent ventilation. Maintain eye-wash fountain and quick-drench facilities in work area.

### Individual Protection Measures

Avoid all unnecessary exposure.

<b>Eye/Face Protection</b>	Use chemical safety goggles and /or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye-wash fountain and quick-drench facilities in work area.
<b>Skin Protection</b>	Rubber or neoprene gloves and additional protection including impervious boots, apron, or coveralls, as needed in areas of unusual exposure to prevent skin contact.
<b>Respiratory Protection</b>	Wear appropriate mask.
<b>Other Information</b>	Do not eat, drink, or smoke when using this product.

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Solid, crystals or powder.
<b>Molecular Weight</b>	190.1 g/mol
<b>Color</b>	White
<b>Odor</b>	Sulfurous.
<b>Odor Threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting Point/Freezing Point</b>	Not determined
<b>Initial Boiling Point and Boiling Range</b>	Not determined
<b>Flash Point</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Flammability (Solid, Gas)</b>	Not determined
<b>Upper/Lower Flammability/Explosive Limits</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Solubility</b>	Soluble in water
<b>Partition Coefficient: n-octanol/water</b>	Not determined
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>Viscosity</b>	Not determined

#### SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Reactive with oxidizing agents, acids, and moisture.
<b>Chemical Stability</b>	Stable under conditions of normal use and storage.
<b>Possibility of Hazardous Reactions</b>	No data available
<b>Conditions to Avoid</b>	Metals and moisture
<b>Incompatible Materials</b>	Oxidizing agents, acids, and moisture.
<b>Hazardous Decomposition Products</b>	Sulfur oxides

#### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	Harmful if swallowed.
<b>Skin Corrosion/Irritation</b>	Not classified
<b>Serious Eye Damage/Irritation</b>	Causes serious eye damage.
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity</b>	Not classified
<b>Reproductive Toxicity</b>	Not classified
<b>Specific Target Organ Toxicity (Single Exposure)</b>	Not classified

<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	Not classified
<b>Aspiration Hazard</b>	Not classified
<b>Potential Adverse Human Health Effects and Symptoms</b>	No data available
<b>Other Information</b>	Not available

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Toxicity</b>	Harmful to aquatic life with long lasting effects.
<b>Persistence and Degradability</b>	Not applicable
<b>Bioaccumulative Potential</b>	Not established
<b>Mobility in Soil</b>	Not established
<b>Other Adverse Effects</b>	Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Methods of Disposal

<b>Disposal Recommendations</b>	Dispose of contents/containers in accordance with local, state and federal regulations.
<b>Other Information</b>	Avoid release to the surrounding environment.

**SECTION 14: TRANSPORT INFORMATION**

<b>UN Number</b>	Not applicable
<b>UN Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Environmental Hazards</b>	Not applicable
<b>Transport in Bulk</b>	Not applicable
<b>Other Precautions</b>	Not applicable

**SECTION 15: REGULATORY INFORMATION**

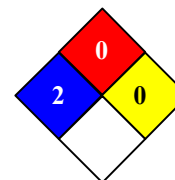
<b>Sodium Metabisulfite (7681-57-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**SECTION 16: OTHER INFORMATION**

Revision Date: 02/09/2015

NFPA Hazards

<b>Health Hazard</b>	2: Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury.
<b>Fire Hazard</b>	0: Materials that will not burn under typical fire conditions.
<b>Reactivity/Instability</b>	0: Normally stable, even under fire exposure conditions, and is not reactive with water.



**HMIS III Rating**

**Health** 2: Temporary or minor injury may occur.  
**Flammability** 0: Materials that will not burn.  
**Physical Hazard** 0: Materials that are normally stable, even under fire conditions, and will not react with water.  
**Personal Protection** C

S-60	
Health	2
Flammability	0
Physical Hazard	0
Personal Protection	C

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**END OF SAFETY DATA SHEET**