



I. Product and Company Information

SII Product Name(s):	Sodium Bisulfite Solution	Synonym:	SBS
Chemical Name:	Sodium Bisulfite Solution	CAS Number:	7631-90-5
Manufacturer's Name: Southern Ionics Incorporated 210 Commerce Street West Point, MS 39773 Customer Service: 1-800-953-3585 Web Site www.southernionics.com		Emergency Contacts: Afterhours (Southern Ionics) 1-888-610-2379 For Chemical Emergency, Spill or Accident Call CHEMTREC at 1-800-424-9300 CHEMTREC CCN - 20596	

II. Hazard Identification

OSHA HCS / GHS Classification(s):		Hazard Statement(s):	
Acute Toxicity Oral, Category 4		Harmful if swallowed.	
Skin Irritation, Category 3		Causes mild skin irritation.	
Eye Irritation, Category 2A		Causes serious eye irritation.	
Specific Target Organ Toxicity - Single Exposure, Category 3		May cause respiratory irritation.	
Corrosive to Metals, Category 1		May be corrosive to metals.	
Signal Word:	Precautionary Statement(s):		
Warning	Prevention: Wash affected body parts after handling. Do not eat, drink or smoke when using this product. Avoid breathing vapors. Wear eye / face protection. Use in well ventilated areas. Keep in original container. Response: IF SWALLOWED: Rinse mouth and call a doctor if you feel unwell. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical attention. If skin irritation occurs: Get medical attention. For specific treatment: See First Aid section IV.		
Symbol(s):			

III. Composition / Information on Ingredients

Chemical Name:	CAS Reg #'s	%
Sodium Bisulfite (NaHSO ₃)	7631-90-5	15-44
Sodium Sulfite (Na ₂ SO ₃)	7757-83-7	<1
Sodium Sulfate (Na ₂ SO ₄)	7757-82-6	<4
Water	7732-18-5	Balance

IV. First Aid Measures

Eyes:	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Remove any contact lenses. Seek medical attention, if you feel unwell.
Dermal / Skin:	Remove contaminated clothing and wash exposed area thoroughly with soap and water. Seek medical attention, if you feel unwell.
Inhalation:	Move to fresh air immediately. If breathing is difficult, give oxygen. Seek medical attention, if you feel unwell.
Ingestion:	If swallowed, DO NOT induce vomiting. Rinse mouth, Seek medical attention, if you feel unwell.

V. Fire Fighting Measures

NFPA Hazard Rating:	Health (Blue) 2	Fire (Red) 0	Reactivity (Yellow) 1	Special Instructions (White) None
NFPA Hazard Classification: 0 = Least 1=Slight 2= Moderate 3= High 4= Extreme				
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.			
Special Firefighting Procedure:	Wear NIOSH-approved self-contained breathing apparatus (SCBA). Use water spray to keep containers cool and to knock down fumes. CAUTION: when subject to excess heat, product releases additional sulfur dioxide gas.			

VI. Accidental Release Measures

Precaution if Spilled or Released:	Steps should be taken to contain spilled liquids and prevent discharges to streams or sewer systems.
Neutralizing Chemicals:	Neutralize with appropriate alkali such as sodium hydroxide, or soda ash to neutral pH. Avoid conditions where the pH of spilled material is maintained at lower than pH 6, since sulfur dioxide can be released at ambient temperatures below this pH.

VII. Handling and Storage

Handling:	Handle all chemicals with respect. Keep separated from incompatible substances. Handle only with equipment, materials and supplies specified by their manufacturer as being compatible and appropriate for use with this product.
Storage:	Store at appropriate temperature to protect from freezing or crystallization. Consult the appropriate SII Product Bulletin for temperature recommendations. Do not store this material near food, animal feed or drinking water. Store in well ventilated area. Store away from excessive heat (e.g. steam pipes, radiators), and from reactive materials. Keep container tightly closed when not in use.

VIII. Exposure Control / Personal Protective Equipment

Component Workplace Control Parameters:				
Components:	CAS-No.	Value	Parameters	Basis
Sodium Bisulfite	7631-90-5	TWA	5 mg/m ³	solid sodium bisulfite (metabisulfite)
Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.			
General Hygiene:	Practice good personal hygiene after using this material, especially before eating, drinking, smoking or using the toilet			
Personal Protection Equipment:				
Eye:	Use chemical splash goggles and face shield. Eye protection worn must be compatible with respiratory protection system employed.			
Skin:	Chemically resistant gloves should be worn whenever this material is handled. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.			