

# Material Safety Data Sheet

<b>WHMIS</b>  	<b>Protective Clothing</b>  	<b>TDG Road/Rail</b>  
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## SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

<b>Product name:</b>	SODIUM BISULPHATE, ANHYDROUS GLOBULAR, TECHNICAL	<b>Effective Date:</b>	1/1/2015	<b>Code No.:</b>	Not available.
<b>Product use:</b>	Industrial applications: Disinfectant. Manufacture of soaps. Metal industry: Pickling and rust-proofing metals. Paper industry: Manufacture of paper products.				
<b>WHMIS:</b>	WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).				
<b>TDG:</b>	Not regulated under TDG (Canada).				
<b>Manufacturer:</b>	Lawrason's Inc. 460 Wyecroft Road Oakville, ON, L6K 2G7 Tel: (905) 842-8300 Fax: (905) 842-8906		<b>Supplier:</b>	Lawrason's Inc. 460 Wyecroft Road Oakville, ON L6K 2G7 Tel: (905) 842-8300 Fax: (905) 842-8906	
<b>EMERGENCY PHONE : CANUTEC (613) 996-6666</b>					

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC <sub>50</sub> /LD <sub>50</sub>
1) Sodium bisulphate	7681-38-1	91.50-94.70	Not available.	Not available.
2) Sodium sulphate, anhydrous	7757-82-6	4.80-8.00	Not available.	ORAL (LD50): Acute: 5989 mg/kg [Mouse.].
3) Water	7732-18-5	0.10-0.50	Not available.	ORAL (LD50): Acute: 99999 mg/kg [Rat.]. Chronic: 99999 mg/kg [Rat.]. DERMAL (LD50): Acute: 99999 mg/kg [Rat.]. Chronic: 99999 mg/kg [Rat.].

## SECTION III - PHYSICAL DATA

<b>Boiling point:</b>	Not available.	<b>Specific Gravity:</b>	80-85 LBS/FT <sup>3</sup>
<b>Vapour Pressure:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Solubility in Water:</b>	Soluble in cold water, hot water.	<b>Percent Volatile:</b>	Not available.
<b>Physical State:</b>	Solid. (Crystals solid.)	<b>Evaporation Rate:</b>	Not available.
<b>Appearance and Odour:</b>	Off-white. Not available.	<b>pH (as supplied):</b>	<1 @ 5% AQUEOUS SOLUTION
		<b>Viscosity:</b>	Not available.

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flammability:</b>	Non-flammable.
<b>Flash Points:</b>	Not applicable.
<b>Flammable Limits:</b>	Not applicable.
<b>Hazardous Combustion Products:</b>	Not applicable.
<b>Means of Extinction:</b>	Non-flammable.
<b>Special Fire Hazards:</b>	Not available.

Product Name: SODIUM BISULPHATE, ANHYDROUS GLOBULAR, TECHNICAL Code No.: Not available.

### SECTION V - REACTIVITY DATA

**Stability:** The product is stable.  
**Incompatibility:** Slightly reactive to reactive with oxidizing agents, moisture.  
**Hazardous Decomposition Products:** Not available.

### SECTION VI - TOXICOLOGICAL PROPERTIES

**Routes of Entry** Ingestion. Skin contact. Inhalation.  
**Acute Effects on Humans:** Very dangerous in case of ingestion, of inhalation. Slightly dangerous to dangerous in case of skin contact (irritant, permeator), of eye contact (irritant). Corrosive to eyes and skin. The amount of tissue damage depends on length of contact. Eye contact 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. This product may irritate eyes and skin upon contact.  
**Chronic Effects on Humans:** **CARCINOGENIC EFFECTS:** Not available. **MUTAGENIC EFFECTS:** Not available. **TERATOGENIC EFFECTS:** Not available. Toxicity of the product to the reproductive system: 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.  
**Synergistic Materials:** Not available.

### SECTION VII - PREVENTIVE MEASURES

**Gloves:** Gloves (impervious).  
**Eye Protection:** Splash goggles.  
**Respiratory Protection:** Vapor and dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.  
**Other Protective Equipment:** Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.  
**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.  
**Leak and Spill Procedure:** Use appropriate tools to put the spilled solid in a convenient waste disposal container.  
Corrosive solid.  
Stop leak if without risk. DO NOT get water inside container. DO NOT touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.  
**Waste Disposal:** Recycle to process, if possible. Consult your local or regional authorities.  
**Storage Requirements:** Corrosive materials should be stored in a separate safety storage cabinet or room.

### SECTION VIII - FIRST AID

**Eye:** 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:** 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 the 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. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.  
**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.  
**Ingestion:** DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

Product Name: SODIUM BISULPHATE, Code No.: Not available.  
ANHYDROUS GLOBULAR,  
TECHNICAL

### SECTION IX - OTHER INFORMATION

**References**

-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.  
-SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.

**Additional remarks:**

No additional remark.

Validated by Technical Manager, Lawrason's Inc on 1/1/2015.

Verified by Lawrason's Inc.

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