

Material Safety Data Sheet

WHMIS	Protective Clothing	TDG Road/Rail
		

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: Sodium sulfite **Effective Date:** 1/1/2015 **Code No.:** Not available.
Product use: Pool Chemical
WHMIS: Not controlled under WHMIS (Canada).
TDG: Not controlled under TDG (Canada).
Not applicable (PIN and PG).

Manufacturer: Lawrason's Inc.
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Supplier: Lawrasons's Inc.
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SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC₅₀/LD₅₀
1) Sodium sulfite	7757-83-7	100	Not available.	ORAL (LD50) mg/kg: Acute: 820 (Mouse.).

SECTION III - PHYSICAL DATA

Boiling point: Not available. **Specific Gravity:** 2.63 (Water = 1)
Vapour Pressure: Not available. **Vapor Density:** Not available.
Solubility in Water: Soluble in hot water. **Percent Volatile:** Not available.
Partially soluble in cold water.
Very slightly soluble in methanol.
Insoluble in diethyl ether, n-octanol.

Physical State: Solid. (Solid crystalline powder.) **Evaporation Rate:** Not available.
Appearance and Odour: White. **pH (as supplied):** 9
Sulfurous. (Slight.) **Viscosity:** Not available.

SECTION IV - FIRE AND EXPLOSION DATA

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

SECTION V - REACTIVITY DATA

Stability: The product is stable.
Incompatibility: Highly reactive with oxidizing agents, acids.
Slightly reactive to reactive with organic materials, metals.
Very slightly to slightly reactive with moisture.
Hazardous Decomposition Products: Not available.

Product Name: Sodium sulfite

Code No.: Not available.

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry	Ingestion. Inhalation.
Acute Effects on Humans:	Very dangerous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Very slightly to slightly dangerous in case of skin contact (sensitizer). This product may irritate eyes and skin upon contact. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
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. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.
Synergistic Materials:	Not available.

SECTION VII - PREVENTIVE MEASURES

Gloves:	Gloves (impervious).
Eye Protection:	Splash goggles.
Respiratory Protection:	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. 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. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Our database contains no additional information in case of a spill and/or a leak of the product. Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
Waste Disposal:	Recycle to process, if possible. Consult your local or regional authorities.
Storage Requirements:	No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

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. Cover the irritated skin with an emollient. 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:	Remove dentures if any. Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

SECTION IX - OTHER INFORMATION

References	-The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987.
Additional remarks:	No additional remark.

Validated by Technical Manager, Lawrason's Inc on 1/1/2015.	Verified by Lawrason's Inc.
	Printed 11/24/2015.

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