


Material Safety Data Sheet

WHMIS	Protective Clothing	TDG Road/Rail
		

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: Sodium bicarbonate **Effective Date:** 1/1/2015 **Code No.:** 10290P
Product use: Alkaline buffer
WHMIS: Not controlled under WHMIS (Canada).
TDG: Not controlled under TDG (Canada).
Not applicable (PIN and PG).

Manufacturer: Lawrason's Inc.
460 Wyecroft Road
Oakville, ON, L6K 2G7
Tel: (905) 842-8300
Fax: (905) 842-8906

Supplier: Lawrasons's Inc.
460 Wyecroft Road
Oakville, ON L6K 2G7
Tel: (905) 842-8300
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EMERGENCY PHONE : CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC₅₀/LD₅₀
1) Sodium bicarbonate	000144558	100	Not available.	Not available.

SECTION III - PHYSICAL DATA

Boiling point:	Not available.	Specific Gravity:	2.159 (Water = 1)
Vapour Pressure:	Not available.	Vapor Density:	Not available.
Solubility in Water:	Soluble in cold water.	Percent Volatile:	Not available.
Physical State:	Solid.	Evaporation Rate:	Not available.
Appearance and Odour:	Not available.	pH (as supplied):	Not available.
	Not available.	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: No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
Hazardous Decomposition Products: Not available.

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry Ingestion.

Acute Effects on Humans: No specific information is available in our database regarding the other toxic effects of this material for humans.

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: Not applicable.

Eye Protection: Safety glasses.

Respiratory Protection: Dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

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: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.

Skin: NO known EFFECT according to our database.

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 Not available.

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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