

Material Safety Data Sheet

WHMIS 	Protective Clothing 	TDG Road/Rail
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SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: Drain Flush (34180) **Effective Date:** 1/1/2012 **Code No.:** 277-Vision
Product use: Industrial drain cleaner.
WHMIS: WHMIS CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).
 WHMIS CLASS E: Corrosive liquid.
TDG: Consumer Commodity / Limited Quantity
 TDG CLASS 8: Corrosive liquid.
 Shipping name: Sulphuric Acid UN: 1830 PG: II
***TDG only applies if load is greater than 500 kg (on document)**
Manufacturer: Lawrason's Inc.
 460 Wyecroft Road
 Oakville, ON, L6K 2G7
 Tel: (905) 842-8300
 Fax: (905) 842-8906

Supplier:

EMERGENCY PHONE : CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC ₅₀ /LD ₅₀
1) Sulfuric acid	7664-93-9	60-100	Not available.	ORAL (LD50) mg/kg: Acute: 2140 (Rat.). VAPOR (LC50) ppm : Acute: 255 (Rat.) (4 hour(s)).

SECTION III - PHYSICAL DATA

Boiling point:	290°C (554°F)	Specific Gravity:	1.89 (Water = 1)
Vapour Pressure:	0.01 mm of Hg (@ 20°C) .	Vapor Density:	3.4 (Air = 1) (Sulfuric acid).
Solubility in Water:	Complete	Percent Volatile:	<5%
Physical State:	Liquid.	Evaporation Rate:	Not available.
Appearance and Odour:	Slightly Amber. Pungent.	pH (as supplied):	<1.00
		Viscosity:	Water thin

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Non-flammable.
Flash Points: Not applicable.
Flammable Limits: Not applicable.
Hazardous Combustion Products: sulfur oxides (SO₂, SO₃...)
Means of Extinction: Dry chemical, carbon dioxide, water
Special Fire Hazards: Use water with care - water applied directly will cause evolution of heat and cause separation. Capable of igniting finely divided combustibles on contact. Reacts violently with water and organic materials evolving heat.

SECTION V - REACTIVITY DATA

Stability: The product is stable.
Incompatibility: Organic materials, metals
Hazardous Decomposition Products: sulfur oxides (SO₂, SO₃...), sulfuric acid vapours

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry Ingestion. Skin contact. Inhalation. Eye contact.
Acute Effects on Humans: Severe skin, eye and respiratory irritant.
Chronic Effects on Humans: **CARCINOGENIC EFFECTS:** Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Synergistic Materials: Not available.

SECTION VII - PREVENTIVE MEASURES

Gloves: Acid resistant such as neoprene or rubber.
Eye Protection: Approved safety glasses or goggles.
Respiratory Protection: Not required under normal use conditions. Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment: Exposure to bare skin should be minimized.
Engineering Controls: General ventilation normally adequate.
Leak and Spill Procedure: Small quantities may be flushed with large amounts of water.
In case of larger amounts, contain liquid. Use lime or soda ash to neutralize.
Waste Disposal: Consult your local or regional authorities.
Storage Requirements: Do not store with bases, chlorine compounds or oxidizers.

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. DO NOT use an eye ointment. Seek medical attention.
Skin: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and wash before reuse. If irritation persists, seek medical attention.
Inhalation: Remove to fresh air. Call physician and/or transport to a medical facility.
Ingestion: DO NOT induce vomiting. Give large amounts of water or milk if immediately available and transport to a medical facility. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX - OTHER INFORMATION

References Not available.
Additional remarks: No additional remark.

Validated by Lawrason's Inc on 1/1/2012.

Verified by Lawrason's Inc.

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