




Material Safety Data Sheet

Product Name: Winter Window Wash Code: 0860

WHMIS	Protective Clothing	TDG Road / Rail
		

SECTION I – PRODUCT IDENTIFICATION AND PREPERATION INFORMATION

Product Name: Winter Window Wash **Effective Date:** Mar. 11, 10 **Code:** 0860
Product Use: Consumer products: Cold climate glass cleaner.
WHMIS: WHMIS Class D-2B: Material causing other toxic effects (TOXIC).
WHMIS Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).
TDG: TDG CLASS 3: Flammable Liquid
Shipping name: FLAMMABLE LIQUID CLASS 3 UN: 1993 PK GR: II
Manufacturer: Allspar Solutions Inc. **Supplier:** Bay City Sanitation
150 Connie Crescent, Unit 12 189 Brock Street
Concord, Ont. L4K 1L9 Barrie, Ontario L4M 5E1
(705) 728-4332

EMERGENCY PHONE: CANUTEC (613) 996-6666

SECTION II – HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC ₅₀ /LD ₅₀
Isopropyl alcohol	67-63-0	30-60	TWA: 400 CEIL: 500 (ppm) TWA: 900 CEIL: 1225 (mg/m ³)	ORAL (LD ₅₀): Acute: 3600 mg/kg (mouse). VAPOR (LD ₅₀): Acute: 16970 ppm 4 hours (Rat).

SECTION III – PHYSICAL DATA

Boiling Point:	The lowest known value is 82.22°C (180°F) (Isopropyl Alcohol). Weighted average: 89.58°C (193.2°F)	Specific Gravity:	Weighted average: 0.80 (Water = 1.00)
Vapour Pressure:	The highest known value is 33 mm of Hg (20°C) (Isopropyl Alcohol).	Vapour Density:	The highest known value is 2.08 (Air = 1.00) (Isopropyl Alcohol).
Solubility in Water:	Soluble	Percent Volatile:	Not available.
Physical State:	Liquid	Evaporation Rate:	Not available.
Appearance and Odour:	Dark blue / alcohol fragrance.	pH (as supplied):	8.50

SECTION IV – FIRE AND EXPLOSION DATA

Flammability:	Flammable.
Flash Points:	The lowest known value is CLOSED CUP: 11.67°C (53°F) (Cleveland). (Isopropyl Alcohol).
Flammable Limits:	The greatest known range is LOWER: 2% UPPER: 12 (Isopropyl Alcohol)
Hazardous Combustion Products:	These products are carbon oxides (CO, CO ₂).
Means of Extinction:	SMALL FIRE: Use DRY chemicals, CO ₂ , alcohol foam, or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto ignition or explosion.
Special Fire Hazards:	Not available.

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SECTION V – REACTIVITY DATA

Stability:	The product is stable
Incompatibility:	Highly reactive with reducing agents. Reactive with oxidizing agents, acids. Avoid contact with excessive amount of heat. Slightly reactive to moisture.
Hazardous Decomposition Products:	Not available.

SECTION VI – TOXICOLOGICAL PROPERTIES

Routes of Entry:	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Acute Effects on Humans:	Very hazardous in case of ingestion. Hazardous in case of skin contact (irritant, sensitizer, permeator), of eye contact (irritant), of inhalation.
Chronic Effects on Humans:	Hazardous in case of skin contact (irritant), of eye contact (irritant). CARCINOGENIC: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: PROVEN. (Isopropyl alcohol). Repeated or prolonged exposure to the substance can produce target organs damage.
Synergistic Materials:	Not available.

SECTION VII – PREVENTATIVE MEASURES

Gloves:	Gloves.
Eye Protection:	Splash goggles.
Respiratory Protection:	Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment:	Not normally required when used as directed.
Engineering Controls:	General ventilation normally adequate.
Leak and Spill Procedure:	Dilute with water and mop up, or absorb with an inert material and put the spilled material in an appropriate waste disposal. Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Waste Disposal:	Consult municipal, provincial, and federal laws.
Storage Requirements:	Flammable materials should be stored in a separate storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place. Ground all equipment containing material. A refrigerated room would be preferable for materials with a flash point lower than 37.8°C (100°F). Keep out of reach of children.

SECTION VIII – FIRST AID

Eye:	Check for and remove any contact lenses. IMMEDIATELY flush with plenty of water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
Skin:	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation develops, get medical attention. Wash contaminated clothing before reusing.
Inhalation:	Remove to fresh air. Call a doctor if irritation develops.
Ingestion:	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION IX – PREPERATION / OTHER INFORMATION

References:	Not available.
Additional Remarks:	No additional remark. Validated by Allspar Solutions Inc. on March 11, 2010

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