

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	1
		Reactivity	0
		Personal Protection	b
Common / Trade name	WISEX PLUS Glass&Chrome Clnr	TDG	Not controlled under TDG (Canada).
WHMIS	B3, D1A, D2B	PIN	None
Code	1354	PG	None
Material uses	Glass and chrome cleaner		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Isopropyl alcohol	67-63-0	3 - 7	Not available.	ORAL (LD50): Acute: 3600 mg/kg [Mouse.], > 4720 mg/kg [Rat].
Ethylene glycol monobutyl ether	111-76-2	1 - 5	Not available.	ORAL (LD50): Acute: 470 mg/kg [Rat.]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.
Skin contact	After contact with skin, wash immediately with plenty of water.
Inhalation	Allow to rest in a well ventilated area. Seek medical attention if discomfort persists.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear liquid.)	Colour	Green.
pH (1% soln/water)	Neutral.	Odour	Apple-like.
pH (concentrate)	6.5 - 8.5	Volatility	Not available.
Boiling point	Weighted average: 101.42°C (214.6°F)	Vapour density	The highest known value is 4.1 (Air = 1) (2-Butoxyethanol). Weighted average: 1.17 (Air = 1)
Specific gravity	0.98 to 1.00 (Water = 1)	Vapour pressure	Weighted average: 3.31 kPa (24.83 mm Hg) (at 20°C)
Solubility	Easily soluble in cold water, hot water.		

Section V. Fire and Explosion Data

The product is	COMBUSTIBLE.The product is considered to be unable to sustain combustion (miscible solution with a water content of more than 90 % (W/W).
Auto-ignition temperature	Not applicable.
Flash points	Closed cup: 45°C (113°F). (Tagliabue.)
Degradation products	These products are Carbon oxides (CO, CO2).
Extinguishing media	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Slightly reactive to reactive with oxidizing agents, acids.

Section VII. Toxicological properties

Route of entry	Ingestion. Skin contact. Eye contact. Inhalation.
Toxicity for animals	See section II.
Acute effects	Dangerous in case of ingestion, of skin contact (irritant, permeator) of eye contact (irritant), of inhalation. This product may irritate eyes and skin upon contact.
Chronic effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

Section VIII. Preventive measure

Waste disposal	Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.
Storage	Keep in a cool, well-ventilated place.
Precautions	Avoid contact with skin and eyes. Avoid breathing vapors or spray mists.
Spill and leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

Section IX. Personal protective equipment

Gloves	Gloves (impervious)
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment.
Eyes	Safety glasses.
Other	Apron, and boots are recommended under exceptional circumstances such as spill or for prolonged contact with bulk quantities.
Eng. controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 22 May 2008

Printed 3 June 2008

EMERGENCY: CANUTEC 613-996-6666

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS	Hazardous Materials Identification System
WHMIS	WHMIS Workplace Hazardous Materials Information System
TDG	Transport Dangerous Goods
PIN	Product Identification Number
PG	Packaging Group
