

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION AND USE

Product Name	GLASS CLEANER
Chemical Family	Organic / Inorganic
Supplier	DEK Canada Inc. 1928 St. Regis Blvd Dorval, Qc H9P 1H6
Product Use	On glass, plexiglass, plastics and all types of electronic equipment.

SECTION IA: FIRST AID MEASURES

Eye Contact	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation persists, consult physician.
Skin Contact	Wash thoroughly with soap and water. If irritation persists, get medical attention.
Inhalation	Remove affected person to fresh air.
Ingestion	If swallowed, DO NOT induce vomiting. Get medical attention. Have a conscious person drink 1 to 2 glasses of water to dilute material. NEVER give an unconscious person anything to ingest.

SECTION II: HAZARDOUS INGREDIENTS

Name	CAS #	%	Exposure limits	
			LD/50	LC/50
Ethyleneglycol monobutyl ether	111-76-2	1-5	ORAL (LD50) mg/kg: Acute 1230 (Mouse). 1480 (Rat). 300 (Rabbit) VAPOR (LC50) PPM: Acute: 450 (Rat) (4 hours)	
Isopropyl alcohol	67-63-0	3-7	ORAL (LD50) mg/kg: Acute: 3600 (Mouse) 5045 (Rat) Vapor (LC50) ppm Acute: 22600 (Rat) (4 hours)	
Liquefied petroleum gas	68476-85-4	1-5	Not available	

SECTION III: PHYSICAL DATA

Physical state and appearance	Liquid (Aerosol concentrate)
Odour	Characteristic
Specific gravity (Water = 1)	0.970 – 1.00 @ 20°C
Odour treshold	50 ppm based on data for: Isopropyl alcohol Weighted average: 37.5 ppm
Vapour pressure (mm Hg)	Not available
Vapour density (Air = 1)	Not available
Evaporation rate	Not available
Boiling point	82.22 °C based on data for: Isopropyl alcohol. Weighted average: 100.36 °C
Ph	10.50 – 11.50
Solubility	Easily soluble in water.
Dispersion properties	See solubility in water.
Water/oil dist. Coeff	Greater than 1
Distribution	
Volatility %	Not available
Melting Point	Not available
Molecular weight	Not applicable

SECTION IV: FIRE AND EXPLOSION DATA

Flammability	Non-flammable Aerosol
Special procedures	The flashpoint of an aerosol by WHMIS definition is determined by its flame-extension or its flashback. The flame-extension of this product is 0 cm Cdn NFC, Level
Auto-ignition temperature	Not applicable
Flash point (°C method)	Not applicable
Flammable limits	Not applicable
Fire extinguishing procedure	Non-flammable aerosol. Cool containing vessels with water spray in order to prevent pressure build-up or explosion.

Risks of explosion	Risks of explosion of the product in presence of mechanical impact: DO NOT subject aerosol cans to impact. Risks of explosion of the product in presence of static discharge: Not available
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SECTION V: REACTIVITY DATA

Hazardous decomposition	These products are carbon oxides (CO, CO ₂) and other irritating gases.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Reactivity	Avoid contact with strong oxidizing agents.

SECTION VI: TOXICOLOGICAL PROPERTIES

Route of entry	Ingestion. Inhalation.
TLV	Isopropyl alcohol TWA: 400 CEIL: 500 (ppm) TWA: 980 CEIL: 1225 (mg/m ³) Ethyleneglycol monobutylether TWA: 50 CEIL: 150 (ppm) TWA: 240 CEIL: 720 (mg/m ³) Liquefied petroleum gas TWA: 1000 CEIL: 1250 (ppm) TWA: 1800 CEIL: 22 50 (mg/m ³)
Skin contact	May cause mild irritation. Prolonged and repeated contact may lead to dermatitis.
Inhalation	Excessive inhalation of vapours may cause nasal And respiratory irritation and Central Nervous System effects including dizziness, weakness, fatigue, nausea and headache.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Can be fatal if inhaled or ingested. This product may irritate eyes and skin upon contact.
Eye contact	May cause irritation, redness, tearing and pain.
Carcinogenicity	No information available and no adverse effects are anticipated.
Teratogenicity	No information available and no adverse effects are anticipated.
Mutagenicity	No information available and no adverse effects are anticipated.
Reproductive effects	No information available and no adverse effects are anticipated.
Synergistic materials	Not available

SECTION VII: PREVENTIVE AND CORRECTIVE MEASURES

Ventilation requirements	Use under well-ventilated conditions.
Waste disposal	Recycle to process, if possible. Consult your local or regional authorities. When container is empty, press button to release all pressure, then dispose of in garbage can.
Precautions	Contents under pressure. Container may explode if heated. Avoid breathing vapour or spray mist. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with eyes. Keep out of reach of children.
Storage requirements	Keep in a cool, well-ventilated place. Do not puncture, incinerate or store the container at temperatures over 50°C or in direct sunlight. Keep from freezing.
Leak and spill procedures	Absorb with an inert DRY material and place in an appropriate waste disposal container.

SECTION VII: CLASSIFICATION

T.D.G. road / rail	CONSUMER COMMODITY
CALL YOUR LOCAL ANTI-POISON CENTRE	

SECTION IX: REGULATORY INFORMATION

CPR compliance	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
WHMIS classification	CLASS A, D-2B

SECTION X: PERSONAL PROTECTIVE EQUIPMENT

Protective equipment	Not required
Gloves	Not required
Footwear	Not required
Eyes	Avoid contact with eyes.
Respiratory	Use under well-ventilated conditions.
Clothing	Not required.

SECTION XI: PREPARATION DATA OF MSDS

Prepared by	DEK Canada Inc.
Verified by	DEK Canada Inc.
Date	OCTOBER 01/12

CAUTION: The information contained herein is accurate to the best of our knowledge. However, the above named supplier does not assume any liability whatsoever for the accuracy or completeness of the information. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, all materials may present unknown hazards and should be used with caution.