



**T525GC
Glass Cleaner**



Section 1: Chemical Product and Company Identification

Manufacturer / Supplier: Shrader Canada Limited
Address: 830 Progress Court, Oakville, Ontario L6L 6K1
Revision Date: 01/20/2011
Product Use: Cleaner
Chemical Family: Aqueous Solution

Section 2: Composition/Information on Ingredients

Component Name:	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
Petroleum Gases, Liquified, Sweetened 68476-86-8	3-7	Not Available	Not available	Not Available
Isopropanol 67-63-0	1-5	Dermal LD50 Rabbit:12800 mg/kg Dermal LD50 Rat:12800 mg/kg Oral LD50 Rat:4396 mg/kg Inhalation LC50 Rat:72.6 mg/L 4h	= 200 ppm TWA =400 ppm STEL	LC50 (96 h) fathead minnow (31 days old): 61200 mg/L. Cond: flow-through LC50 (96 h) fathead minnow (29 days old): 94900 mg/L. Cond: flow-through EC50 (5 min) Photobacterium phosphoreum : 35390 mg/L

Section 3: Hazards Identification

Ingestion: Ingestion of small amounts during normal handling are not likely to cause injury. Larger amounts may cause effects similar to those described under inhalation. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

Inhalation: No hazard under normal conditions of use. High concentrations may cause respiratory irritation and central nervous system depression with results ranging from dizziness and headache to unconsciousness.

Skin Contact: May cause mild, reversible irritation.

Eye Contact: Direct contact causes eye irritation. Symptoms will include pain, redness and tearing.

Chronic Effects: Not Available.

Section 4: First Aid Measures

Ingestion:	Do not induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or is convulsing. Drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention immediately.
Inhalation:	Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.
Skin Contact:	Remove contaminated clothing and launder before reuse. Wash with soap and water. Wipe excess from skin.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Remove contact lenses if any after the initial flushing and then continue flushing. Get medical attention if irritation persists.

Section 5: Fire Fighting Measures

Flash Point (°C):	Not Applicable.
Flame Projection:	0 cm.
NFPA Classification:	Aerosol, Level 1
Lower Explosive Limit:	Not Available
Upper Explosive Limit:	Not Available
Autoignition Temp. (°C):	Not Available

Sensitivity to Mechanical Impact:

Contents under pressure. Protect against physical damage.

Conditions of Flammability:

Contents under pressure. Containers may explode if heated. When sprayed, the product will support combustion, but will not project flame.

Sensitivity to Static Discharge:

Not Available

Hazardous Combustion:

Carbon dioxide, carbon monoxide and other unidentified organic compounds.

Extinguishing Media:

Use water spray to cool fire exposed containers and prevent bursting. Do not use a direct stream of water. Use extinguishing media for surrounding fire.

Section 6: Accidental Release Measures

Leak or Spill Procedures:

Contain spilled material. Avoid contamination of natural waterways. Wear suitable protective clothing. Follow applicable explosion and fire precautions during the response. Stop the spill at the source when safe to do so. For large spills, dike the area to prevent spreading. Pump excess to a salvage container. Absorb residues and small spills with a non-flammable absorbent material and collect adsorbate for disposal. For large quantities refer to the environmental ministry.

Section 7: Handling and Storage

Handling Procedures:

Use with adequate ventilation. Avoid breathing vapours or mist. Use good personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling. Avoid skin and eye contact.

Storage Requirements:

Store in a cool area, away from all sources of heat, ignition and incompatibles. Keep away from children. Keep from freezing. Keep containers tightly closed when not in use.

Section 8: Exposure Controls / Personal Protection

Respiratory:	Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.
Gloves:	Nitrile. Neoprene.
Eyewear:	Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.
Clothing:	Sufficient clothing to prevent skin contact.
Ventilation:	Sufficient mechanical ventilation to maintain exposures below the TLV. General mechanical ventilation is not recommended as the sole means of controlling exposure. Make-up air should always be supplied to balance air exhausted.
Other protective equipment:	Emergency showers and eyewash facilities should be nearby. The selection of personal protective equipment will vary depending on the conditions of use.

Section 9: Physical and Chemical Properties

Physical State:	Aerosol
Color:	Not Available
Odour:	Not Available
Vapour Density (Air=1):	Not Available
VOC %:	10.6
pH:	10.1 (Neat)
Solubility in Water:	Completely.
Specific Gravity (H2O=1):	0.99 at 15°C
Viscosity:	< 14cSt

Section 10: Stability and Reactivity

Conditions of Instability:

Stable at ambient and moderately elevated temperatures and pressures.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition:

See hazardous combustion products.

Incompatible Materials:

Avoid strong oxidizers such as HOOH, HNO₃, and oleum.

Conditions of Reactivity:

Avoid excessive heat, sparks and open flame. Avoid contact with incompatible materials.

Section 11: Toxicological Information

Irritancy of Product:

Mild skin irritant. Moderate to severely irritating to eyes.

Sensitization to product:

Contains no known skin or respiratory sensitizers.

Carcinogenicity:

No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive Effects:

Not Available

Teratogenicity:

Not Available

Mutagenicity:

Not Available

Synergystic Products:

Not Available

Section 12: Ecological Information

Environmental: May be harmful to aquatic life at low concentrations.
Biodegradability: Not available.

Section 13: Disposal Considerations

Waste Disposal: Contents under pressure. Do not puncture, incinerate or expose to heat even when empty. Destroy by incineration or biological treatment according to applicable legislation. Dispose of in accordance with municipal, provincial and federal regulations.

Section 14: Transportation Information

Road shipment: AEROSOLS, Class 2.2, UN1950, ERG #126.

Marine shipment: UN1950, AEROSOLS, Class 2.2, EmS# F-D, S-U

Air Shipment: Aerosols, Non-flammable, Class 2.2, UN1950, PI 203/Y203.

Exemption: LTD QTY exemptions may be used if product is packaged in accordance with Schedule 1 of TDGR (Clear Language).

Product may be reclassified for air transportation if packaged in accordance to IATA regulations (i.e. Consumer Commodity, Class 9, ID 8000).

Section 15: Regulatory Information

WHMIS: A D2B

CEPA: All components are listed on the Domestic Substances List (DSL).

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16: Other Information

HMIS Rating: 211B

Prepared By: Regulatory Compliance, Shrader Canada Limited

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