

GC Electronics
 1801 Morgan Street
 Rockford, IL 61102
 Phone: (815) 968-9661
 Fax: (815) 968-9731
 www.gcelectronics.com

Product Name: GLASS & PLASTIC CLEANER
 MSDS Number: 167
 Revision Date: 1/17/03
 Supersedes Date: 2/1/01

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type:	Specialty	Emergency Contact:	Chemtrec
Product Name:	GC Glass & Plastic Cleaner	Phone (24 hours):	(800) 424-9300
Part Number(s):	10-9082 Z-9562		

Section 1 - Identification of Product

COMMON NAME (used on label)(Trade Name & Synonyms): **GC Glass & Plastic Cleaner**
 CAS. NUMBER: See Section 2
 CHEMICAL NAME: Alcohol & Water
 CHEMICAL FAMILY: N/A
 FORMULA: N/A

HMIS RATINGS	Minimal Hazard	0
	Slight Hazard	1
Health: 1	Moderate Hazard	2
Flammability: 0	Serious Hazard	3
Reactivity: 0	Severe Hazard	4
Personal Protection: B	Gloves, Safety Glasses	B

Section 2 - Hazardous Ingredients

Principal Hazardous Component(s)

CHEMICAL AND COMMON NAME(S)	CAS. #	OSHA PEL	ACGIH TLV	VAPOR PRESSURE @ 25 DEG. C.	LEL	UEL	FLASH POINT DEG. F	% BY WT
Isopropyl Alcohol** Ethylene Glycol Monobutyl Ether	67-63-0	400ppm	400ppm	31 mmHg	2.2	12.0	53(TCC)	5 - 10
Liquefied Petroleum Gas (Propellant)	68476-85-7	1000ppm	1000ppm	3691 mmHg	2.0	10.0	-156 Est.	5 - 10
Aqua Ammonia	1336-21-6	NE	5 mg/m ³	N/A	N/A	N/A	None	<1

**NOTE: This product contains an ingredient subject to Section 313 of SARA Title III.
 N/A is not available or not applicable
 NE is not established

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Section 3 - Physical Data

BOILING POINT (Deg. F): Concentrate Range: 212
SPECIFIC GRAVITY (Water = 1): Concentrate: 1.0
VAPOR PRESSURE (mmHg): See Section 2
PERCENT VOLATILE BY WEIGHT (%): 100%
PERCENT VOLATILE ORGANIC COMPOUNDS: 8%
VAPOR DENSITY (Air = 1): >1
EVAPORATION RATE (BA = 1): >1
SOLUBILITY IN WATER: Yes
REACTIVITY IN WATER: None
APPEARANCE AND ODOR: CONCENTRATE: Clear liquid, slight ammonia odor; PROPELLANT: Colorless, odorless gas; FINISHED PACKAGE: Pressurized containers.

Section 4 - Fire & Explosion Hazard Data

FLASH POINT: See Section 2
FLAMMABLE LIMITS IN AIR - % BY VOLUME: See Section 2
EXTINGUISHER MEDIA: Water fog, dry chemical, carbon dioxide
AUTO-IGNITION TEMPERATURE: Unknown
SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Self-pressurized aerosol containers. Keep temperature of containers below 120 deg. F. to prevent bursting.

Section 5 - Health Hazard Data

THRESHOLD LIMIT VALUE: See Section 2

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT: Contact with liquid or mist may cause irritation. Vapors may irritate eyes;
SKIN CONTACT: Prolonged contact may cause irritation, defatting of skin;
INHALATION: Overexposure to vapor may cause dizziness, loss of concentration and irritation. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL;
INGESTION: Single dose oral toxicity low. Aspiration may cause rapid absorption through the lungs, which may result in systemic effects.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

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EYES: Flush with water for at least 15 minutes. Get medical assistance if irritation persists.
SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.
INGESTION: Do not induce vomiting. Call a physician immediately.

Section 6 - Reactivity Data

STABILITY: Stable
CONDITIONS TO AVOID: Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition.
INCOMPATIBILITY (Materials to Avoid): None
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide. Carbon Monoxide
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Not Applicable

Section 7 - Spill or Leak Procedures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.
LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.
WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

Section 8 - Special Protection Information

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.
VENTILATION:
LOCAL EXHAUST: To keep below TLV
MECHANICAL (General): To keep below TLV
SPECIAL: None
OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves
EYE PROTECTION: Safety glasses or goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

Section 9 - Special Precautions

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**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Do not store above 110 Deg. F. Do not use or store near any open flames or ignition sources.

OTHER PRECAUTIONS:

Contents under pressure. Do not puncture or incinerate. Exposure to temperatures above 120 Deg. F may cause can to burst with violence and cause injury. Vapors are heavier than air and will collect in low areas.

Section 10 - Regulatory Information

SUBJECT TO SECTION 313 OF SARA TITLE III: Yes. Isopropyl Alcohol = 6%

ALL CHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NATIONAL TOXICOLOGY PROGRAM: No

I.A.R.C. MONOGRAPHS: No

OSHA: No

OSHA PERMISSIBLE EXPOSURE LIMIT: See Section 2

ACGIH THRESHOLD LIMIT VALUE: See Section 2

OTHER EXPOSURE LIMITED USED: None

Section 11 - Other Information

TRANSPORTATION INFORMATION – DOMESTIC GROUND

Shipping Name:	Aerosol, Nonflammable, N.O.S.
Hazard Class:	2.2
UN Number:	UN1950
Packing Group:	N/A
Hazard Label:	ORM-D
Carton Marking:	ORM-D
Description:	Isopropanol/Carbon Dioxide Mixture

Disclaimer

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