

## FLUX REMOVERS



### Flux Solv<sup>3</sup>

Flux Solv<sup>3</sup> is a fast evaporating, non-ozone depleting flux remover that leaves no residue. It is formulated to remove R, RA, RMA and SA type fluxes. Flux Solv<sup>3</sup> is non-flammable and safe on many plastics. Flux Solv<sup>3</sup> contains no HCFC's or CFC's and is a replacement for HCFC 141b flux removers.

**Applications:**  
PC boards, electronic and electrical components. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan.

**Environmental Data:**  
CFC: 0% HCFC: 0% ODP: 0 VOC: 60%

**Part No. 19-272** 16 oz. Aerosol  
Replaces Part No. 19-328-22



### Static-Free High Strength Flux Remover

A powerful Flux Remover that will dissolve and flush away all known fluxes immediately. May cause loss of nomenclature from capacitors or like products. Can discolor some plastics. Will not harm circuit performance. Static-free formulation. Contains Trichloroethylene, Isopropanol and Carbon Dioxide.

**Part No. 19-7518** Static-Free 12 oz. Aerosol  
Replaces Part No. 19-7517

**Part No. 19-7522** Static-Free 18 oz. Aerosol  
Replaces Part No. 19-7521



### GC Flux Solv

For De-Energized Equipment

GC Flux Solv has a hydrocarbon/alcohol base. It is excellent for the removal of Ionic and Non-Ionic fluxes from electronic components, PC boards or other surfaces requiring an extra strength flux remover. Fast evaporation. GC Flux Solv is formulated with no chlorinated solvents and thus has no ozone depleting chemicals. No CFCs or HCFCs.

**Part No. 19-825-G** 1 gal.



### Flux Remover & Cleaner II

Removes all types of organic flux. Pinpoint applicator supplied. Non ODC. Contains: Trichloroethylene, Carbon Dioxide and Isopropyl Alcohol.

**Part No. 10-220** 2 fl. oz. Bottle

**Part No. 19-229** 16 fl. oz. Can  
Replaces Part No. 10-228

**Part No. 22-271** 16 oz. Aerosol  
Replaces Part No. 22-270



### Glass & Plastic Cleaner

Wipes dirt, dust and grime from all glass and plastic surfaces without leaving streaks or dulling residue. Contains grease-cutting ammonia. Convenient aerosol packaging. Economical for home or industry. Good for flat screen TV's and computer monitors.

**Part No. 10-9082** 19 oz. Aerosol



### GC Glass Treatment Compound

For glass, plastics, and finished surfaces. Easy to apply and very effective in removing smudges, dirt, oily films and other deposits with a minimum amount of rubbing. Active ingredients are silicone-glycol polymers which provide a high luster and minimize or eliminate dust attracting static. Harmless to practically any surface, will not scratch, discolor or streak. Good for flat screen TV's and computer monitors.

**Part No. 10-1756** 6 fl. oz. Pump  
N.S.N. 7930-01-053-3758

**MATERIAL SAFETY DATA SHEET**

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Specialty**  
 Product Name: **GC Glass & Plastic Cleaner**  
 Part Number(s): **10-9082**

**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 &amp; 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
Ethyl Alcohol	64-17-5	1000ppm	1000ppm	44 mmHg	3.3	19.0	54(TCC)	5 - 10
Ethylene Glycol								
Monobutyl Ether	111-76-2	50ppm	50ppm	0.6mmHg	1.1	10.6	154 (TCC)	2 - 5
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 <sup>3</sup>	N/A	N/A	N/A	None	<1

NOTE: Not subject to Section 313 of SARA Title III.

N/A is not available or not applicable

NE is not established

**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.

**Section 9 – Special Precautions****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: No.

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