CHEMICALS

FLUX REMOVERS

Flux Solv 3

Flux Solv 3 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 3 is non-flammable and safe on many plastics. Flux Solv 3 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

All quantities are single; BU's are packages of 10 Unless otherwise noted.

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: Glass Cleaner
Product Name: **Glass Treatment Compound**
Part Number(s): **10-1756**

Section 1 - Identification of Product

HMIS Ratings:		Least	0
		Slight	1
Health	2	Moderate	2
Flammability	2	High	3
Reactivity	0	Extreme	4
Personal Protection B		Gloves, Safety Glasses B	

Section 2 - Hazardous Ingredients

Hazardous Component	CAS#	%	T.L.V. (ppm)
Isopropyl Alcohol 99%	67-63-0	0-9	400
Deionized Water		88-100	Not determined
Dimethylpolysiloxanes	63148-62-9	1-5	Not determined

Section 3 - Physical Data

Boiling Point:	@ 760 mm Hg or Range 180° F - 212 F
Specific Gravity(H_2O=1):	.989
Vapor Pressure (mm Hg):	@ 68º F 17.7
Vapor Density (Air=1):	.7
Solubility (Weight % in Water):	100
Volume % Volatile:	100
Evaporation Rate:	Probably less than 1 (Butyl Acetate=1)
Appearance and Odor:	Clear liquid with a characteristic odor

Section 4 - Fire & Explosion Hazard Data

Flash Point ° F Method Used=TCC 141° F
Flammable Limits in Air (% by volume): LEL: NA UEL: NA

Extinguishing Media:	Carbon dioxide, dry chemical or foam
Special Fire Fighting Procedures:	Cool fire-exposed containers with water. Do not enter confined fire space without proper protective equipment including a NIOSH-approved self-contained breathing apparatus.

Section 5 - Health Hazard Data

Permissible Exposure Limits (TLV):	For the lowest component 400 ppm
Effects of Over exposure:	Overexposure can lead to central nervous system depression producing such effects as headache, dizziness, nausea, and loss of consciousness.
Eyes:	Irritating to the eyes and mucous membranes.
Skin:	Can cause defatting and drying of the skin resulting in irritation and dermatitis.
Ingestion:	May cause marked and persistent nausea, vomiting, and abdominal pain.

Emergency First Aid Procedures

Eye Contact:	Flush eyes with water for at least 15 minutes. Get medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.
Inhalation:	Remove victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
Ingestion:	Induce vomiting if conscious. Never give anything by mouth to an unconscious person. Consult a physician immediately.

Section 6 - Reactivity Data

Stability:	Stable
Conditions and Materials to Avoid:	Product may attack aluminum.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, and unidentified organics.
Hazardous Polymerization:	Will not occur

Section 7 - Spill or Leak Procedures

Steps to be taken if material is released or spilled:

Eliminate potential sources of ignition.
Wear appropriate respirator and other protective clothing.
For large spills, dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels.
Soak up residue or small spills with noncombustible absorbent; place in drums for proper disposal.
Flush area with water to remove trace residue. Dispose of flush solutions in drums.