NEW PRODUCTS

Big Bath³ Contact Cleaner

Big Bath³ Contact Cleaner is the replacement choice for HCFC 141b cleaners (contains no HCFC's or CFC's). It is non-flammable, non-ozone depleting, and is safe on some plastic. This non-residue cleaner is effective on switches, PC boards, motors, electrical and electronic components. Big Bath³ helps dissipate moisture, and is fast drying.

Applications:
Can be used on live circuits, including switches, relays, controls PC boards, motors, electrical and electronic components. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan.

Environmental Data:
CFC: 0% HCFC: 0% ODP: 0 VOC: 56%

Part No. 19-912	12 oz. Aerosol	Replaces Part No. **19-901**
Part No. 19-913	16 oz. Aerosol	Replaces Part No. **19-624**
Part No. 19-907	16 oz. Anti-Static Aerosol	Replaces Part No. **19-902-SF** & **19-903-SF**

Big Bath³ Contact Cleaner and Degreaser

Big Bath³ Cleaner and Degreaser is an excellent non-flammable general purpose cleaner/degreaser. The product is non-ozone depleting (contains no HCFC's or CFC's). It is a replacement for cleaner/degreasers containing HCFC 141b. Big Bath³ Cleaner and Degreaser will dissipate moisture and is safe on some plastics.

Applications:
General cleaning and degreasing applications, electronic and electrical equipment. Test for compatibility with sensitive plastics. Incompatible with ABS, PS, and Lexan. Can be used on energized circuits.

Environmental Data:
CFC: 0% HCFC: 0% ODP: 0 VOC: 58%

Part No. 19-905	12 oz. Aerosol	Replaces Part No. **19-902**, **19-903-6**, **19-2903-3**
Part No. 19-906	16 oz. Aerosol	Replaces Part No. **19-903** & **19-2903-8**

GC NPB³ – Cleaner and Degreaser

GC NPB³ – Cleaner and Degreaser is an aggressive cleaner used for removing a broad range of contaminants and heavy soils. Highly recommended for metal cleaning. Contains no HCFC's or CFC's and is non-ozone depleting. Is safe on most surfaces except polycarbonate, polystyrene, ABS and acrylic materials. (To insure complete compatibility, test before use.)

Applications:
Heavy soils on metal, motors, machinery and other types of metal cleaning. Can be used on energized circuits.

Environmental Data:
CFC: 0% HCFC: 0% ODP: 0 VOC: 70%

Part No. 19-801	12 oz. Aerosol	New Size
Part No. 19-802	16 oz. Aerosol	Replaces Part No. **19-8669**

Flux Solv³

Flux Solv³ 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 Solv³ is non-flammable and safe on many plastics. Flux Solv³ 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**

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: **Contact Cleaner**
Product Name: **Big Bath^3 Anti Static**
Part Number(s): **19-907**

Section 1 - Identification of Product

COMMON NAME (used on label)(Trade Name & Synonyms): **GC Big Bath^3 Static Free Contact Cleaner**
CAS. NUMBER: See Section 2
CHEMICAL NAME: Hydroflurocarbon
CHEMICAL FAMILY: N/A
FORMULA: N/A

HMIS RATINGS

Health: 1
Flammability: 0
Reactivity: 1
Personal Protection: B

Minimal Hazard	0
Slight Hazard	1
Moderate Hazard	2
Serious Hazard	3
Severe Hazard	4
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 WEIGHT
1,1,1,2-Tetrafluoroethane**	811-97-2	N/A*	N/A*	96 psia	Nonflammable		None	50-60
Decafluoropentane*	156-60-5	N/E	N/E	366mmHg	N/A	N/A	0	20-30
Trans, Dichloroethylene	156-60-5	N/E	200ppm	400mmHg	6.7	18	36 (CC)	10-20
Ethyl Alcohol	64-17-5	1000ppm	1000ppm	44mmHg	3.3	19.0	54 (CC)	5-10
Pentafluoropropane***	460-73-1	N/E	N/E	17.8psia	None	None	None	<5

*Limit established by The E.I. DuPont Company is 200ppm
**Limit established by The E.I. DuPont Company is 1000ppm
***Limit established by Honeywell is 300ppm
N/A is not available or not applicable N/E is not established

Section 3 - Physical Data

BOILING POINT (Deg. F): Concentrate Range: 60
SPECIFIC GRAVITY (Water = 1): Concentrate: 1.3
Propellant: 1.2

VAPOR PRESSURE (mmHg): See Section 2
PERCENT VOLATILE BY WEIGHT (%): <20%
VAPOR DENSITY (Air = 1): >1
EVAPORATION RATE (BA = 1): >1
SOLUBILITY IN WATER: Negligible
REACTIVITY IN WATER: None
APPEARANCE AND ODOR: CONCENTRATE: Clear liquid, irritating odor at high concentrations.
PROPELLANT: Colorless, odorless gas.
FINISHED PACKAGE: Pressurized containers.
% VOC BY WEIGHT: 58%

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. Hazardous decomposition products.

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. With high exposure levels, effects can include central nervous system (CNS), depression (intoxication) and cardiac arrhythmia. Product vapors displace air and can cause suffocation especially in confined space. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL.