

HYDROCARBON PRODUCTS



Big Bath® ISO

Big Bath ISO does not deplete the ozone layer. Safe on all plastics. Contains no HCFC's. Cleans and restores relays, controls, switches, etc. Removes oil, dust and other contaminants. Leaves no residue. For use on de-energized equipment. Flammable.

Part No. 19-904 9 oz. Aerosol



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



Big Bath³ Contact Clean

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



Jiffy Bath

Consists of hydrocarbon solvents, safe for use on most materials. It possesses a balanced ratio of cleaning solvents for lubricating and protecting ingredients. Contains silicone oils which will not oxidize and will remain active as protective coating and lubricating agent for years, even under adverse environmental conditions such as high humidity and contaminated atmosphere. One of the most universal and safe contact cleaners and may be used on all rotating and sliding contacts in any types of switches or controls.

Part No. 19-638 4 oz. Aerosol

Part No. 19-640 10 oz. Aerosol



Little Bath

Hydrocarbon (petroleum) based cleaner/lubricant. Provides long lasting lubricating and oxidation protection for electrical controls and contacts.

Applications include: switches, contacts, potentiometers, tools, mechanical and electrical components.

Not for use on energized equipment. Safe for most plastics, check for compatibility.

Part No. 19-723 4 oz. Aerosol



GC Bath

Contact Cleaner/Degreaser for De-Energized Equipment

GC Bath is formulated with hydrocarbons/alcohol as a heavy duty cleaner/degreaser. Exceptional performance can be expected where heavy buildups of grease, oil, dirt, grime, adhesive, and other unwanted substances are encountered. This strong action product can be sprayed on the surface to break down, wash away, and clean grease from equipment, floors, work areas, engines, metal parts, and any area needed to be cleaned. GC Bath has been found to be effective to remove adhesive and adhesive over spray from surfaces. Test for compatibility with sensitive plastics. GC Bath is formulated with no chlorinated solvents and thus has no ozone depleting chemicals. No CFC's. No HCFC's.

Part No. 19-724 4 oz. Aerosol

Part No. 19-725 10 oz. Aerosol

Part No. 19-725-55G 55 gal., 360 lbs. Wt.

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Type: **Contact Cleaner**
 Product Name: **GC Bath**
 Part Number(s): **19-724**
19-725

Section 1 - Identification of ProductCOMMON NAME (used on label)(Trade Name & Synonyms): **GC Bath**

CAS. NUMBER: See Section 2

CHEMICAL NAME: Heptane & Isopropanol

CHEMICAL FAMILY: N/A

FORMULA: N/A

HMIS RATINGS

		Minimal Hazard	0
		Slight Hazard	1
Health: 2		Moderate Hazard	2
Flammability: 4		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	LEL	UEL	FLASH	% BY WT
				PRESSURE @25 EG. C.			POINTDEG. F	
Heptane	142-82-5	400ppm	400ppm	45 mmHg	1.2	6.7	<20(TCC)	80 - 85
Isopropyl Alcohol**	67-63-0	400ppm	400ppm	31 mmHg	2.2	12.0	53(TCC)	10-15
Carbon Dioxide	124-38-9	5000ppm		1 atm.	None	None	None	5

**NOTE: This product contains an ingredient subject to Section 313 of SARA Title III.

N/A is not available or not applicable

Section 3 - Physical Data**BOILING POINT (Deg. F):** Concentrate Range: 180 - 200**SPECIFIC GRAVITY (Water = 1):** Concentrate: .72**VAPOR PRESSURE (mmHg):** See Section 2**PERCENT VOLATILE BY WEIGHT (%):** 100%

PERCENT VOLATILE ORGANIC COMPOUNDS: 95%

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.

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: Extremely flammable. Contents under pressure. Do not use or store near heat or ignition sources. Containers may burst at temperatures above 130 deg. F.

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:

May cause nose and throat irritation. May cause nervous system

Depression characterized by the following progressive steps: Headache, dizziness, nausea, staggering gait, confusion, and unconsciousness.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. INTENTIONAL

MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL;

INGESTION:

Aspiration may cause rapid absorption through the lungs, which may result in systemic effects.

IMPORTANT NOTE: REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Section 9 – Special Precautions**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Do not store above 120 Deg. F. Do not use or store near any open flames or ignition sources.

OTHER PRECAUTIONS:

Extremely flammable. Do not use or store near open flames, heat, or any sources of ignition. Contents under pressure. Do not puncture or incinerate. 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 = 12%

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, Flammable, N.O.S.

Hazard Class: 2.1

UN Number: UN1950

Packing Group: N/A

Hazard Label: ORM-D

Carton Marking: ORM-D

Description: Heptane and Isopropanol