

MATERIAL SAFETY DATA SHEET

FC 1000, Fountain Concentrate

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Date Prepared: 5/06/96

ACCEL GRAPHIC SYSTEMS

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Phone 972-484-6808

MEDICAL EMERGENCY PHONE NUMBER (904) 264-3500 This number is available days, nights, weekends and holidays. **TRANSPORTATION EMERGENCY PHONE NUMBER** (800) 424-9300 Chemtrec.

This MSDS complies with 29 CFR 1910.1200, Hazard Communication Standard. Federal law requires persons receiving the Material Safety Data Sheet to study it carefully, become aware of hazards, if any, of the product involved. In the interest of safety you should: (1) notify your employees, agents, and contractors of the information on this sheet; (2) furnish a copy to each of your customers for the product; and (3) request your customers to inform their employees and customers as well.

FOR INDUSTRIAL USE

USE ONLY AS DIRECTED

DO NOT TAKE INTERNALLY

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: FC 1000 Fountain Concentrate

PRODUCT NUMBER: X55-05; X55-10

DOT PROPER SHIPPING NAME: NOT REGULATED

DOT NUMBER: NONE

DATE OF LAST MSDS SHIPMENT: N/A

MSDS PREPARED BY: L. Anderson

HMIS INFORMATION:

HEALTH - 1 FLAMMABILITY - 0 REACTIVITY - 0 PERSONAL PROTECTION EQUIPMENT - B
HAZARD INDEX: 4=Severe 3=Serious 2=Moderate 1=Slight 0=Least Safety Glasses & Gloves

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION	CAS#	% BY WT.	ACGIH TLV (TWA) PPM	OSHA PEL PPM	OTHER LIMITS
ACETIC ACID 70%	64-19-7	<5	10.00	10.00	
BUTYL CARBITOL	112-34-5	8.24	not est.	not est.	35 PPM (MFR.)

This product does NOT contain any carcinogens or suspected carcinogens which are noted by NTP, IARC or OSHA-Z in the other limits column.

SECTION III PHYSICAL DATA

Boiling Range: High- 447.0 F Low- 212.0 F Physical State: Liquid
Vapor Pressure: Not Available Appearance: Green
Vapor Density: Heavier Than Air Odor: Mild
Evaporation Rate: Slower Than Butyl Acetate pH: 4.0
Weight lbs./gal.: 8.7 Water Solubility: 100%
Method 24 VOC: 1.96 lbs./gal. California SCAQMD Rule 102: Nonphotochemically Reactive

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: None

FLASHPOINT TCC: Greater than 200 degrees F.

EXTINGUISHING MEDIA: Use foam, CO2, or dry chemical fire apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

SECTION V EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Gently flush with large quantities of water for at least 15 minutes and seek immediate medical attention.
SKIN CONTACT: Remove contaminated clothing (wash before re-use), wash affected skin areas with soap and water and seek medical attention if irritation persists.
INHALATION: Remove victim to fresh air.
INGESTION: Induce vomiting and seek medical attention immediately.

SECTION VI HEALTH INFORMATION, ACUTE AND CHRONIC

EYES: Direct contact may cause burning, tearing and redness.
SKIN EFFECTS: Prolonged or repeated skin contact may result in dermatitis. May be absorbed through skin.
INHALATION: No symptoms seen when this product is used in its intended manner.
PRIMARY ROUTES OF ENTRY: Skin and/or eye contact.
SYSTEMIC AND OTHER EFFECTS: Butyl Carbitol, if swallowed, may produce signs of intoxication.

SECTION VII REACTIVITY DATA

STABILITY: Stable **CONDITIONS TO AVOID:** None
MATERIALS TO AVOID: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION: Will not occur. **CONDITIONS TO AVOID:** None

SECTION VIII SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Stop and/or contain discharge if it may be done safely. Notify local health or pollution control agencies, or call spill response teams if large spill (over 55 gallons). If possible keep large spills out of drains, sewers, or waterways.
WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, federal regulations.

SECTION IX PERSONAL PROTECTION AND STORAGE PRECAUTIONS

RESPIRATORY PROTECTION: None normally necessary when this product is used in its intended manner.
PROTECTIVE GLOVES: The use of gloves which are impermeable to the specific material handled to prevent irritation.
EYE PROTECTION: Safety glasses are recommended to safeguard against potential eye contact, irritation or injury.
OTHER PROTECTIVE EQUIPMENT: The availability of eye washes and safety showers in work areas is recommended.
HANDLING AND STORAGE PRECAUTIONS: Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Keep product containers closed when not in use.
OTHER PRECAUTIONS: Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Containers, even those that have been emptied, may retain product residues and/or vapors. Observe all hazard precautions given in this data sheet. Vapors of this product are heavier than air and will collect in low places.

SECTION X SECTION 313 TOXIC CHEMICALS

Following is a description of certain hydrocarbon solvents which contain components subject to the reporting requirements of SARA Title III, Section 313 - 40 CFR 372 (check SECTION II ingredients and list below to determine if any of these apply to this product):
Aromatic 100 may contain up to 7% by weight XYLENE (CAS#1330-20-7), up to 21% by weight 1,2,4-TRIMETHYLBENZENE (CAS#95-63-6), and up to 3% by weight CUMENE (CAS#98-82-8).
Aromatic 150 may contain up to 2% by weight 1,2,4-TRIMETHYLBENZENE (CAS#95-63-6) and up to 10% by weight NAPHTHALENE (CAS#91-20-3).
Solvent D may contain up to 3.5% by weight XYLENE (CAS#1330-20-7), and up to 1% by weight NAPHTHALENE (CAS#91-20-3), 15.4% to 18.9% by weight 1,2,4-TRIMETHYLBENZENE (CAS#95-63-6), and up to 2.6% by weight CUMENE (CAS#98-82-8).

This product contains the following chemicals and/or hydrocarbon solvents with components which are subject to SARA 313 requirements:
BUTYL CARBITOL 112-34-5 8.24

The opinions expressed herein are those of qualified experts within the manufacturer and its suppliers. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of the manufacturer, it is user's obligation to determine the conditions of safe use of the product.

In case of an Emergency, call Chemtrec at 1-800-424-9300.