

# MATERIAL SAFETY DATA SHEET

## APA, Fountain Additive

Date Prepared: 5/13/96

### ACCEL GRAPHIC SYSTEMS

11103 Indian Trail  
Dallas, TX 75229  
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 29CFR 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**

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### SECTION I PRODUCT IDENTIFICATION

**PRODUCT NAME: APA Fountain Additive**

PRODUCT NUMBER: X55-06; X55-11

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

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### SECTION II HAZARDOUS INGREDIENTS

INGREDIENT		% BY	ACGIH	OSHA	OTHER
MATERIAL DESCRIPTION	CAS#	WT.	TLV (TWA)	PEL	LIMITS
			PPM	PPM	

**This product contains no reportable hazardous ingredients. This Material Safety Data Sheet contains information on good industrial practice for safe handling of all industrial chemicals.**

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

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### SECTION III PHYSICAL DATA

Boiling Range: High- N/A Low- 212.0 F

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation Rate: Not Available

Weight lbs./gal.: 8.6

Method 24 VOC: 5.82 lbs./gal.

Physical State: LIQUID

Appearance: CLEAR

Odor: MILD

pH: N/A

Water Solubility: 100%

California SCAQMD Rule 102: NONPHOTOCHEMICALLY REACTIVE

## SECTION IV FIRE AND EXPLOSION HAZARD DATE

Page: 2 of 2  
APA-Fountain Additive

FLAMMABILITY CLASSIFICATION: None

FLASHPOINT TCC: Greater than 200 degrees F.

EXTINGUISHING MEDIA: Use foam, CO<sub>2</sub>, 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.

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## SECTION V EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Gently flush with large quantities of water for at least 15 minutes and seek medical attention if irritation persists.

SKIN CONTACT: Wash affected skin areas with soap and water and seek medical attention if irritation persists.

INHALATION: N/A

INGESTION: Induce vomiting and seek medical attention.

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## SECTION VI HEALTH INFORMATION, ACUTE AND CHRONIC

EYES: Direct contact may cause slight irritation.

SKIN EFFECTS: Prolonged or repeated skin contact may result in redness and irritation.

INHALATION: No symptoms seen when this product is used in its intended manner.

PRIMARY ROUTES OF ENTRY: N/A

SYSTEMIC AND OTHER EFFECTS: None known.

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## 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

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## SECTION VIII SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Stop and/or contain discharge if it may be done safely.

WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, federal regulations.

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## SECTION IX PERSONAL PROTECTION AND STORAGE PRECAUTIONS

RESPIRATORY PROTECTION: None necessary

PROTECTIVE GLOVES: The use of gloves may be advisable to prevent skin 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 closed when not in use.

OTHER PRECAUTIONS: Emptied containers may retain product residues; therefore, all hazard precautions given in this data sheet should be observed.

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**This product contains no reportable hazardous ingredients. This Material Safety Data Sheet contains information on good industrial practice for safe handling of all industrial chemicals.**

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**

# MATERIAL SAFETY DATA SHEET

Page: 1 of 2

## APW, All Purpose Wash

Date Prepared: 5/13/96

### ACCEL GRAPHIC SYSTEMS

11103 Indian Trail  
Dallas, TX 75229  
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.

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**FOR INDUSTRIAL USE**

**USE ONLY AS DIRECTED**

**DO NOT TAKE INTERNALLY**

### SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: APW All Purpose Wash  
PRODUCT NUMBER: X55-12; X55-13; X55-50  
DOT PROPER SHIPPING NAME: Combustible Liquid, N.O.S.  
DOT NUMBER: NA1993  
DATE OF LAST MSDS SHIPMENT: N/A  
MSDS PREPARED BY: L.M. Anderson/Nichols

#### HMIS INFORMATION:

HEALTH - 1    FLAMMABILITY - 2    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
NAPHTHOL SPIRITS (Aliphatic Hydrocarbon)	64742-48-9	85-100	100.00	500.00	100 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- 360.0 F Low- 315.0 F	Physical State: Liquid
Vapor Pressure: 3.30 MMHG @68 F	Appearance: Clear, Colorless
Vapor Density: Heavier than air.	Odor: Mild Solvent
Evaporation Rate: Slower than butyl acetate.	pH: N/A
Weight lbs./gal.: 6.4	Water Solubility: 0%
Method 24 VOC: 6.37 lbs./gal.	California SCAQMD Rule 102: NONPHOTOCHEMICALLY REACTIVE

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Class II    DOT: Combustible Liquid  
ACTUAL FLASHPOINT TCC: 103.0 F  
EXTINGUISHING MEDIA: Use water spray, foam, CO2, or dry chemical fire fighting apparatus.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep work areas free of hot metal surfaces and other sources of ignition.  
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:** If breathing difficulties, dizziness or light-headedness occur when working in areas with high vapor concentrations, victim should seek fresh air. If breathing stops, give artificial respiration and seek immediate medical attention.

**INGESTION:** Do not induce vomiting; seek medical attention immediately.

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### SECTION VI HEALTH INFORMATION, ACUTE AND CHRONIC

**EYES:** Direct contact will cause burning, tearing and redness.

**SKIN EFFECTS:** Prolonged or repeated skin contact may cause moderate irritation, defatting, and/or dermatitis.

**INHALATION:** Prolonged or repeated breathing of very high vapor concentrations may cause headaches, nausea and vomiting. Chronic overexposure in high concentrations may produce CNS depression.

**PRIMARY ROUTES OF ENTRY:** Inhalation, skin and/or eye contact.

**SYSTEMIC AND OTHER EFFECTS:** None known.

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### SECTION VII REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Extreme heat, sparks and open flames.

**MATERIALS TO AVOID:** Strong oxidizing agents, strong acids or bases.

**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:** NA

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### SECTION VIII SPILL OR LEAK PROCEDURES

**PRECAUTIONS IN CASE OF RELEASE OR SPILL:** Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away; use non-sparking tools for cleanup. Ventilate area of spill and cover with inert material to reduce fumes. Keep out of drains, sewers or waterways. Contact fire authorities, notify local health and pollution control agencies, and call spill response teams if large spill.

**WASTE DISPOSAL METHOD:** Dispose of product in accordance with applicable local, county, state, federal regulations.

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### SECTION IX PERSONAL PROTECTION AND STORAGE PRECAUTIONS

**RESPIRATORY PROTECTION:** The use of respiratory protection depends on vapor concentrations above the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges or canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.

**PROTECTIVE GLOVES:** The use of gloves which are impermeable to the specific material handled is advised to prevent irritation and absorption.

**EYE PROTECTION:** Safety glasses are recommended to safeguard against potential eye contact, irritation and 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 contain 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.

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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 the 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**

# MATERIAL SAFETY DATA SHEET

## Compound X

Date Prepared: 3/27/96

Page 1 of 2

**Accel Graphic Systems**  
11103 Indian Trail, Dallas, TX 75229  
Phone 972-484-6808

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 you 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 ONLY**

**USE ONLY AS DIRECTED**

**DO NOT TAKE INTERNALLY**

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### SECTION I: PRODUCT IDENTIFICATION

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PRODUCT NAME: Compound X  
PRODUCT NUMBER: X55-01; X55-02; AGCOMPOUNDX; AGXSAMPLECASE  
D.O.T. PROPER SHIPPING NAME: Not Regulated  
UN NUMBER: Not Required  
DATE OF LAST MSDS SHIPMENT: N/A  
MSDS PREPARED BY: N/A

HMIS INFORMATION: Health - 1 Flammability - 0 Reactivity - 0 Personal protective Equipment - 0  
HAZARD INDEX: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Least Safety glasses & gloves

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### SECTION II: HAZARDOUS INGREDIENTS

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INGREDIENT	% BY WT.	ACGIH TLV (TWA)	OSHA PEL	OTHER
MATERIAL DESCRIPTION CAS #		PPM	PPM	LIMITS
No known hazardous components				

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### SECTION III: PHYSICAL DATA

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Boiling Range: None  
Vapor Pressure: >0.1mbar  
Vapor Density: Not Applicable - Paste  
Evaporation Rate: None  
Density (g/cm): 1.02 g/cm  
VOC lbs/gal - Method 24: None  
VOC grams/liter - Method 24: None  
Physical State: Paste  
Appearance: Yellow  
Odor: Faint  
pH (in 10 g/L water): 8.2  
Water Solubility: Not Soluble  
California SCAQMD Rule 102: None

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### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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FLAMMABILITY CLASSIFICATION: None.  
DOT CLASSIFICATION: Non Flammable.  
FLASHPOINT: Over 60 degrees C.  
EXTINGUISHING MEDIA: Not Relevant.  
UNUSUAL FIRE AND EXPLOSION: None.  
FIRE FIGHTING PROCEDURES: Not necessary.

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**SECTION V: EMERGENCY AND FIRST AID PROCEDURES**

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EYE CONTACT: Gently flush with large quantities of water for at least 15 minutes.  
SKIN CONTACT: Wash with soap and water.  
INHALATION: Move to fresh air.  
INGESTION: Do not induce vomiting, seek medical attention immediately.

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**SECTION VI: HEALTH INFORMATION, ACUTE AND CHRONIC**

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EYES: Gently flush with large quantities of water for at least 15 minutes.  
SKIN EFFECT: Wash with soap and water.  
INHALATION: Move to fresh air.  
MEDICAL CONDITIONS: N/A  
AGGRAVATED BY EXPOSURE: None.  
PRIMARY ROUTES OF ENTRY: Inhalation, skin absorption.  
SYSTEMIC AND OTHER EFFECTS: None.

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**SECTION VII: REACTIVITY DATA**

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STABILITY: Stable  
CONDITIONS TO AVOID: Not relevant.  
HAZARDOUS DECOMPOSITION PRODUCTS: None.  
HAZARDOUS POLYMERIZATION: None.

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**SECTION VIII: SPILL OR LEAK PROCEDURES**

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PRECAUTIONS IN CASE OF RELEASE OR SPILL: Pick up mechanically or with a liquid binding material.  
WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, federal regulations.

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**SECTION IX: PERSONAL PROTECTION AND STORAGE PRECAUTIONS**

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RESPIRATORY PROTECTION: Not requested.  
PROTECTIVE GLOVES: Suggested, but not required.  
EYE PROTECTION: Suggested, but not required.  
OTHER PROTECTIVE EQUIPMENT: None required.  
HANDLING AND STORAGE PRECAUTIONS: None required.  
OTHER PRECAUTIONS: None required.

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**SECTION X: SECTION 313 TOXIC CHEMICALS**

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This product does not contain any known hazardous or toxic chemicals subject to the reporting requirements of SARA title III, Section 313 and 40 CFR 372.

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 this product are not within the control of the manufacturer, it is the user's obligation to determine the conditions of safe use of this product.

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# MATERIAL SAFETY DATA SHEET

## FC 1000, Fountain Concentrate

Page: 1 of 2

Date Prepared: 5/06/96

### ACCEL GRAPHIC SYSTEMS

11103 Indian Trail  
Dallas, TX 75229  
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.

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**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

HMS 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.

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### 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.

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### 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

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### 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.

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### 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.

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### 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
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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.

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# MATERIAL SAFETY DATA SHEET

## MP 2000, Multi-Purpose Fountain Concentrate

Date Prepared: 8/01/96

**ACCEL GRAPHIC SYSTEMS**  
11103 Indian Trail  
Dallas, TX 75229  
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.

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**FOR INDUSTRIAL USE**

**USE ONLY AS DIRECTED**

**DO NOT TAKE INTERNALLY**

### SECTION I PRODUCT INFORMATION

**PRODUCT NAME: MP 2000 Multi-Purpose Fountain Concentrate**

**PRODUCT NUMBER:** X55-05; X55-10

**DOT DESIGNATION:** Compounds, Cleaning Liquid. Not regulated.

### SECTION II HAZARDOUS COMPONENTS / IDENTIFY INFORMATION

HAZARDOUS COMPONENT	CAS No.	WT.	% BY PEL	OSHA	ACGIH TLV (TWA)	OTHER RATINGS	OSHA* STEL
PROPYLENE GLYCOL	57-55-6		1-2	--	--	50ppm (AIHA)	--
DIPROPYLENE GLYCOL	34590-94-8	2-6	100ppm		--		150ppm
MONOMETHYL ETHER							
GLYCERITOL	56-81-5		2-6	10mg/m3	10mg/m3	--	--

\*OSHA data shown is based on the 1989 levels.

### SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212 degrees F	Specific Gravity: (Water = 1) 1.01	Vapor
Pressure: (mmHG, calculated) None	Melting Point: N/A	
Vapor Density: (Air = 1, calculated) 2	Solubility in Water: Complete	
pH of Concentrate: 3.8 - 4.2	Appearance & Odor: Blue liquid, detergent odor	
Maximum VOC Content: .3 lbs. per gal. (40 grams per liter)	Maximum VOC%: 4%	

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flashpoint (Tag Closed Cup Method): Greater than 200 degrees F. (TCC)

Flammable Limits (Calculated): LEL: N/A UEL: N/A

Extinguishing Media: Water

Special Fire-fighting Procedures: N/A

Unusual Fire & Explosion Hazards: N/A

### SECTION V REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid exposure to high heat sources, electrical and welding arcs and open flame. Also avoid strong oxidizing agents.

**SECTION VI HEALTH HAZARD DATA**

ROUTE OF ENTRY: Inhalation, Ingestion, Skin

HEALTH HAZARDS: EYE CONTACT: May lead to irritation.  
SKIN CONTACT: May lead to dermatitis.  
INGESTION: May lead to vomiting.

CARCINOGENICITY (NTP, IARC, OSHA): The components of this product have not shown any evidence of carcinogenicity.

SIGNS & SYMPTOMS OF EXPOSURE: Overexposure may lead to dermatitis and eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known under recommended usage conditions.

EMERGENCY FIRST AID PROCEDURES:

FOR SKIN CONTACT: Flush with water, get medical attention if necessary.

FOR INHALATION: Remove to fresh air, get immediate medical attention if necessary.

FOR EYE CONTACT: Gently flush with large volume of water, get immediate medical attention.

FOR INGESTION: Get immediate medical attention. Do not induce vomiting.

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE/REGULATORY INFORMATION**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Minor Spills: Absorb material with ground clay, vermiculite or similar absorbent material, then place into containers for removal.

Major Spills: Eliminate sources of ignition. Dike and contain spill. Shut off source of spill if possible. Remove liquid by vacuum, absorbent or other safe and approved method and place into containers for legal disposal. Flush area with water to remove residue, and remove flushed solutions as above.

Waste Disposal Method: Dispose of all waste in accordance with federal, state and local regulations.

REGULATORY INFORMATION: Reportable quantity "RQ." EPA Regulation 40CFR302 "CERCLA Section 102": None. EPA Regulation 40CFR372 "SARA 313": None.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Empty containers can be hazardous. Plastic or stainless steel handling and transfer equipment is recommended.

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 XIII CONTROL MEASURES**

RESPIRATORY PROTECTION: Not normally required.

VENTILATION: Local and mechanical exhaust recommended. Avoid open electrical sources near product vapor areas. Keep containers tightly closed when not in use. Store between 50 degrees and 100 degrees F. Do not reuse empty containers.

PROTECTIVE GLOVES: Chemical resistant gloves - selection of specific types will depend upon individual operations.

EYE PROTECTION: Splash goggles or faceshield are recommended to protect against potential eye contact.

OTHER PROTECTIVE CLOTHING: Safety shoes and aprons are recommended.

WORK/HYGIENE PRACTICES: Do not take internally. Avoid skin contact, and wash skin after using products. Do not eat, drink or smoke in work area. Keep away from children.

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.**

# MATERIAL SAFETY DATA SHEET

## POLY AD, Fountain Solution Additive

Page: 1 of 2

Date Prepared: 12/98

### ACCEL GRAPHIC SYSTEMS

11103 Indian Trail  
Dallas, TX 75229  
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 29CFR 1910.1200, Hazard Communication Standard. Federal law requires persons receiving 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  
NALLY**

**USE ONLY AS DIRECTED**

**DO NOT TAKE INTER-**

### SECTION I PRODUCT IDENTIFICATION

**PRODUCT NAME:** POLY-AD

**DOT PROPER SHIPPING NAME:** Compounds, Cleaning Liquid. Not Regulated

### SECTION II HAZARDOUS COMPONENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT	CAS No.	% WT.	OSHA PEL	ACGIH TLV	OTHER RATINGS	OSHA STEL
Propylene Glycol	57-55-6	1-5	-	-	50ppm (AIHA WEEL)	-
Amorphous Silica	7631-86-9	40-50	-	-	1mg/m3 (respirable)	-

### SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Range: 212 degrees F.  
Specific Gravity: (Water = 1) >1  
Vapor Pressure: (mmHG) Less than 1 mm  
Melting Point: Not Available  
Vapor Density: (Air = 1) >1  
Solubility in Water: Complete  
pH of Concentrate: 8 - 9  
Appearance & Odor: Clear liquid, detergent odor.  
Maximum VOC Content: .4 lbs. per gallon (52 grams per liter)  
Maximum VOC%: 5%

### SECTION IV FIRE AND EXPLOSION DATA

Flash Point (Tag closed Cup Method): None  
Flammable Limits (Calculated): LEL: Not Available UEL: Not Available  
Extinguishing Media: Water  
Special Fire-fighting Procedures: Not Available  
Unusual Fire and Explosion Hazards: Not Available

## SECTION V REACTIVITY DATA

Page: 2 of 2  
POLY AD-Fountain Solution Additive

Stability: Stable

Incompatibility: None

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid exposure to high heat sources, electrical and welding arcs and open flame. Also avoid strong oxidizing agents.

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## SECTION VI HEALTH HAZARD DATA

Routes of Entry: Inhalation, Ingestion, Skin

Health Hazards: Eye Contact: May lead to irritation.

Skin Contact: May lead to dermatitis.

Ingestion: May lead to vomiting.

Carcinogenicity (NTP, IARC, OSHA): The components of this product have not shown any evidence of carcinogenicity.

Signs and Symptoms of Exposure: Overexposure may lead to dermatitis and eye irritation.

Medical Conditions: Aggravated by Exposure: None known under recommended usage conditions.

Emergency First Aid Procedures:

For Skin Contact: Flush with large volume of water for at least 15 minutes.

For Inhalation: Remove to fresh air, get immediate medical attention if necessary.

Eye Contact: Flush with large volume of water for at least 15 minutes. Get immediate medical attention.

For Ingestion: Get immediate medical attention. Do not induce vomiting.

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## SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE/REGULATORY INFORMATION

Steps to be taken in case material is released or spilled.

(Minor Spills): Absorb material with ground clay, vermiculite or similar absorbent material, then place into containers for removal.

(Major Spills) Dike and contain spill. Eliminate potential sources of ignition, and shut off source of spill if possible. Remove liquid by chemical vacuum, absorbent or other safe and approved method and place into containers for legal disposal. Flush area with water to remove residue, and remove residue, and remove flushed solutions as above.

(Waste Disposal Method): Dispose of all waste in accordance with federal, state and local regulations.

Regulatory Information:

Reportable quantity (RQ) EPA Regulation 40CFR302 (CERCLA) Section 102: None. EPA Regulation 40CFR372

(SARA 313): None

Precautions to be Taken in Handling and Storage:

Keep containers closed when not in use. Empty containers can be hazardous. Plastic or stainless steel handling and transfer equipment is recommended.

HMIS: Health Hazard: 1 Flammability: 1

Reactivity: 0

Personal Protection: B

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## SECTION VIII CONTROL MEASURES

Respiratory Protection: Not normally required.

Ventilation: Local and mechanical exhaust recommended. Avoid open electrical sources near product vapor areas. Keep containers tightly closed when not in use. Store between 50 degrees and 100 degrees F. Do not reuse empty containers.

Protective Gloves: Impervious or chemical resistant gloves (consult safety equipment supplier).

Eye Protection: Chemical splash goggles recommended to protect against potential eye contact.

Other Protective Clothing: Safety shoes and aprons are recommended.

Work and Hygiene Practices: Do not take internally. Avoid skin contact, and wash skin after using products. Do not eat, drink, or smoke in work area. Keep away from children.

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

# MATERIAL SAFETY DATA SHEET

## SP 25 Spray Powder

Date Prepared: 02/14/95

Accel Graphic Systems  
11103 Indian Trail, Dallas, TX 75229  
972-484-6808

Page 1 of 2

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 you 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 ONLY

USE ONLY AS DIRECTED

DO NOT TAKE INTERNALLY

### SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME: SP 25 Spray Powder. This product is a food starch and contains no carcinogens  
PRODUCT NUMBER: X55-03; X55-04; X55-07; X55-08; X55-09  
CHEMICAL NAME, FAMILY: Starches, Carbohydrates. Dry Powdered starch N01  
D.O.T. CLASSIFICATION: 55  
NMFC-1 78760 Sub 2: N/A  
DATE OF LAST MSDS SHIPMENT: N/A  
MSDS PREPARED BY:

HMIS INFORMATION: Health-0 Flammability - 0 Reactivity-0 Personal protective Equipment - 0  
HAZARD INDEX: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Least Safety glasses & gloves

### SECTION II: HAZARDOUS INGREDIENTS

INGREDIENT	BY WT.	ACGIH	TLV (TWA)	OSHA PEL	OTHER
MATERIAL DESCRIPTION CAS #	9005-25-8	PPM	30 mp pcf	PPM	LIMITS 10/mg/m3
No known hazardous components					

### SECTION III: PHYSICAL DATA

Boiling Range: NA  
Vapor Pressure: NA  
Vapor Density: Not Applicable  
Evaporation Rate: None  
Specific Gravity (H<sup>2</sup>O = 1): .6-.7  
VOC lbs/gal - Method 24: None  
VOC grams/liter - Method 24: None  
Physical State: None  
Appearance: Powder  
Odor: White  
pH (in 10 g/L water): Slight cereal  
Water Solubility: 8.2  
California SCAQMD Rule 102: Cold-Not Soluble, Hot-Dispersible  
None

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS: LEL 70M, UEL n/a  
DOT CLASSIFICATION: 55  
FLASHPOINT: Dust Test 360 - 575 OC  
EXTINGUISHING MEDIA: Dry Chemical Fire Extinguishers or Water spray  
UNUSUAL FIRE AND EXPLOSION: Explosive in specific dust concentrations only.  
FIRE FIGHTING PROCEDURES: Avoid creating dust that may cause secondary explosion

SECTION V: EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Gently flush with large quantities of water for at least 15 minutes.  
 SKIN CONTACT: Wash with soap and water.  
 INHALATION: Move to fresh air.  
 INGESTION: Starch powders will digest within body fluids in 24 hours or before.

SECTION VI: HEALTH INFORMATION, ACUTE AND CHRONIC

EYES: Gently flush with large quantities of water for at least 15 minutes.  
 SKIN EFFECT: Wash with soap and water.  
 INHALATION: Move to fresh air.  
 MEDICAL CONDITIONS: NA  
 AGGRAVATED BY EXPOSURE: May scratch or aggravate eye surface  
 PRIMARY ROUTES OF ENTRY: Inhalation, skin absorption. This material is a food starch with no known limit values  
 SYSTEMIC AND OTHER EFFECTS: None.

SECTION VII: REACTIVITY DATA

STABILITY: Stable  
 CONDITIONS TO AVOID: Not relevant.  
 INCOMPATIBILITY: Avoid contact with sodium Chlorite or other oxidizing materials.  
 HAZARDOUS DECOMPOSITION PRODUCTS: None.  
 HAZARDOUS POLYMERIZATION: Will not occur

SECTION VIII: SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF RELEASE OR SPILL: Dry sweep using dust control floor sweeping compound or floor water into sewer system.  
 WASTE DISPOSAL METHOD: Dispose of product in accordance with applicable local, county, state, federal regulations.

SECTION IX: PERSONAL PROTECTION AND STORAGE PRECAUTIONS

RESPIRATORY PROTECTION: Not requested.  
 PROTECTIVE GLOVES: Suggested, but not required.  
 EYE PROTECTION: Suggested, but not required.  
 OTHER PROTECTIVE EQUIPMENT: None required.  
 HANDLING AND STORAGE PRECAUTIONS: Store at ambient temperatures. Keep containers closed.  
 OTHER PRECAUTIONS: Use common sense. Avoid smoking and building up on lights and ceiling beams which may cause dangerous dust concentrations to fall.

SECTION X: SECTION 313 TOXIC CHEMICALS

This product does not contain any known hazardous or toxic chemicals subject to the reporting requirements of SARA title III, Section 313 and 40 CFR 372.

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