



ALLIED PRESSROOM CHEMISTRY

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER * ALLIED FOUNTAIN ADDITIVE METAL PLATE CLEANER		HEALTH HAZARD: 1
PRODUCT USE * Lithographic fountain solution additive.		FIRE HAZARD: 0
		REACTIVITY: 0
		PROTECTIVE EQUIPMENT: SC (Synthetic gloves, apron and splash goggles)
MANUFACTURER'S NAME ALLIED PHOTO OFFSET SUPPLY CORP.		
STREET ADDRESS 2040 LEE STREET		
CITY HOLLYWOOD	STATE FLORIDA	TELEPHONE: 800-327-8487
ZIP CODE 33020	EMERGENCY TELEPHONE NO 800-424-9300 CHEMTREC	FAX: 954-923-6462

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS <i>*These ingredients are subject to the reporting requirements of SARA 313 and 40 CFR 372</i>	%	CAS NUMBER	HAZARD DATA	LD50 OF INGREDIENT (SPECIFY SPECIES)
Chromium (III) compounds*	1.4	16065-83-1	ACGIH (TWA-TLV) As Cr 0.5 mg/m ³	

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOUR AND APPEARANCE Dark purple liquid, no significant odor.			ODOUR THRESHOLD (PPM) Not determined
VAPOUR PRESSURE (MM Hg) 4 mmHg @20 C	VAPOUR DENSITY (AIR=1) >1	EVAPORATION RATE (Butyl acetate = 1) <1	BOILING POINT (°C) 100.0	MELTING POINT (°C) Liquid
pH 1.0	SPECIFIC GRAVITY 1.2	SOLUBILITY IN WATER Complete	V.O.C.'s 0.0% by Mass 0.0 lb per Gallon	

SECTION 4 – FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	IF YES, UNDER WHICH CONDITIONS? * Not applicable		
EXTINGUISHING MEDIA No specific requirements	SPECIAL FIRE FIGHTING PROCEDURES: None		
FLASHPOINT (°F) AND METHOD No flash below 200 °F	UPPER FLAMMABLE LIMIT (% BY VOLUME) Unknown	LOWER FLAMMABLE LIMIT (% BY VOLUME) Unknown	
AUTOIGNITION TEMPERATURE (°C) Unknown	HAZARDOUS COMBUSTION PRODUCTS Carbon dioxide, Carbon monoxide		
EXPLOSION DATA * NOT KNOWN	SENSITIVITY TO IMPACT NO	SENSITIVITY TO STATIC DISCHARGE NO	

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF NO UNDER WHICH CONDITIONS? * Not applicable	CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERISATION None
INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO WHICH ONES? Strong oxidizing agents.		
HAZARDOUS DECOMPOSITION PRODUCTS In contact with open flame or incandescent material will liberate oxides of carbon and hydrocarbons. If brought to dryness, may be an oxidizer.		



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SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY
 SKIN CONTACT ■ SKIN ABSORPTION □ EYE CONTACT ■ INHALATION □ INGESTION ■

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Inhalation –No significant hazard. Eye - Will cause severe irritation, burning, redness, tearing and blurred vision. Skin – Slight irritation on prolonged contact. Ingestion can result in irritation of the digestive tract.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: None known. Chromium (III) as listed by ACGIH TLV chemicals is not regulated as carcinogenic. Chromium (III) is listed in IARC Groups 3 and 4 as not classifiable as to human carcinogenicity.

EXPOSURE LIMITS See section 2	IRRITANCY OF PRODUCT Light to moderate risk.	SENSITIZATION TO PRODUCT: None	CARCINOGENICITY: No ingredient identified as carcinogenic, or potentially carcinogenic by NTP, IARC or OSHA
TERATOGENICITY None	REPRODUCTIVE TOXICITY: None	MUTAGENICITY: None	SYNERGISTIC PRODUCTS: Not known

EMERGENCY FIRST AID PROCEDURES:
EYES: Flush with running water for at least 15 minutes. Seek medical attention.
SKIN: Wash affected area with soap and water. Remove contaminated clothing and launder before re-use.
INHALATION: Remove to fresh air. If breathing difficulties occur, administer oxygen or artificial respiration.
INGESTION: Do not induce vomiting. Dilute by drinking water and seek medical attention.

SECTION 7 - PREVENTATIVE MEASURES

GLOVES Neoprene.	RESPIRATOR NIOSH/MSHA jointly approved respirator where exposure exceeds TLV.	EYE (SPECIFY) Splash proof goggles or face shield
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CLOTHING (SPECIFY)
Boots, aprons , or chemical suits should be used when necessary to prevent skin contact.

ENGINEERING CONTROLS (SPECIFY, EG. VENTILATION, ENCLOSED PROCESS)
Use local exhaust or dilution ventilation as appropriate to control exposure below permissible levels.

LEAK AND SPILL PROCEDURE:
Dike area to contain spill. Take precautions to prevent contamination of ground and surface waters. Recover spilled material using absorbent material such as vermiculite and sweep into closed containers for disposal. Neutralizing chemicals: Sodium bicarbonate.

WASTE DISPOSAL:
Contaminated vermiculite or porous surface must be disposed of in a permitted hazardous waste facility. Recovered liquids may be reprocessed or incinerated in a permitted hazardous waste facility. In all cases material should be disposed of in accordance with all applicable regulations.

HANDLING PROCEDURES AND EQUIPMENT
Keep container closed when not in use. Store only in closed, properly labeled containers.

STORAGE REQUIREMENTS:
Store in a cool, dry, well ventilated area.

SPECIAL SHIPPING INFORMATION:
For industrial use only. Do not re-use the container. Keep out of reach of children.

ADDITIONAL INFORMATION

SPECIFIC MEASURES: This is an industrial material and should be used by trained personnel only. Containers of this material may be hazardous even when emptied, since containers will retain products residue. Follow all hazard warnings even after container is emptied. Do not breathe vapors, use with adequate ventilation. Avoid prolonged skin contact - wear protective gloves. Do not get in eyes - will cause severe irritation - wear protective goggles.

Proper Shipping Name Not regulated by D.O.T.
 Hazard Class
 Identification Number
 Packing Group
 Reportable Quantity

SECTION 9 - PREPARATION AND DATE OF MSDS

PREPARED BY (GROUP DEPARTMENT, ETC.) ALLIED PRESSROOM CHEMISTRY TECHNICAL SERVICES DEPARTMENT	PHONE NUMBER 1-800-327-8487	DATE May 2003
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