

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER MetaAid CA50		ID No. A10846	Inv. No.: 1938
PRODUCT USE Photographic processing		HMIS SCALE HEALTH 1 FLAMMABILITY 0 REACTIVITY 0 PPE C	
SUPPLIER Metafix Inc.		PRODUCT CODE Not applicable	WHMIS CLASS D2-B
STREET 1925 46th Avenue		MEDICAL EMERGENCY PHONE NO. <small>English Language Only</small> 514-633-8663	TRANSPORTATION EMERGENCY TEL # CANUTEC 613-996-6666
CITY Lachine	PROV Quebec	TRANSPORTATION INFORMATION Not Regulated as a limited Quantity in Canada and as a Consumer Quantity in USA	
P.C. H8T 2P1	TEL # 514-633-8663		

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	W/W %	LD50 (oral rat)	LC50	Exposure Limit TWA
Water	7732-18-5	50	Not available	Not available	
Citric Acid	77-92-9	50	8730	Not available	

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE Liquid	ODOUR AND APPEARANCE			ODOUR THRESHOLD Not available
VAPOUR PRESSURE (mmHg) As water	VAPOUR DENSITY (Air = 1) As water	EVAPORATION RATE (Water = 1) 1	BOILING POINT (°C) ≥ 100°C	FREEZING POINT(°C) ≤ 0°C
pH no data	SPECIFIC GRAVITY 1.035	SOLUBILITY IN WATER (20°C) Complete	COEFF WATER DISTRIBUTION Not available	PERCENT VOLATILE (BY VOLUME) Not available

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHAT CONDITIONS			
MEANS OF EXTINCTION Water mist, alcohol foam, CO2 dry chemical. Avoid breathing combustion fumes. Take suitable precautions (mask, air pack) if involved with product fire.			
FLASHPOINT (°C) AND METHOD Not appropriate	UPPER FLAMMABLE LIMIT (% BY VOLUME) Not appropriate	LOWER FLAMMABLE LIMIT (% BY VOLUME) Not appropriate	AUTOIGNITION TEMPERATURE (°C) Not appropriate
HAZARDOUS COMBUSTION PRODUCTS See "Hazardous Decomposition Products".		EXPLOSION DATA SENSITIVITY TO IMPACT Not susceptible	SENSITIVITY TO STATIC DISCHARGE Not susceptible

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHAT CONDITIONS	
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Metal nitrates, oxidizers, bases, perchloric acid, acetates, sulfides	
REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature.	
HAZARDOUS DECOMPOSITION PRODUCTS COx	

SECTION 6 - TOXICOLOGICAL PROPERTIES

SKIN CONTACT	<input checked="" type="checkbox"/>	SKIN ABSORPTION	<input type="checkbox"/>	EYE CONTACT	<input checked="" type="checkbox"/>	INHALATION	<input checked="" type="checkbox"/>	INGESTION	<input checked="" type="checkbox"/>
EFFECTS OF ACUTE EXPOSURE TO PRODUCT Harmful if swallowed. Irritating skin, mucous membrane and upper respiratory tract. May cause severe eye irritation and possible burns.									
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT None Known									
IRRITANCY OF PRODUCT Skin: Irritant Eye: Irritant			SENSITIZATION TO PRODUCT None known			CARCINOGENICITY Not listed by IARC and ACGIH.			
TERATOGENICITY Not known		REPRODUCTIVE TOXICITY Not known		MUTAGENICITY Not known		SYNERGISTIC PRODUCTS Not known			

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

GLOVES Latex or nitrile	RESPIRATOR Not normally required	EYE Splash goggles
FOOTWEAR No information	CLOTHING Neoprene apron	OTHER Eye wash station

ENGINEERING CONTROLS

Local mechanical exhaust ventilation with 10 - 15 air changes per hour.

LEAK AND SPILL PROCEDURE

Flush to sewer with plenty of water, if permitted. If not, soak up with dry absorbent material. Consult with governmental regulatory agencies for appropriate disposal of this material. Wear splash goggles, impervious gloves and apron when handling

WASTE DISPOSAL

This product must be disposed of as a special waste via a licensed contractor, where required by existing legislation. An eventual disposal with the waste water depends on the local regulations. Obtain advice from the local waste water authority.

HANDLING PROCEDURES AND EQUIPMENT

Wear PPE when handling this material. Wash hands after handling.

STORAGE REQUIREMENTS

Store in a cool well ventilated place. Above 30°C condensates may collect on the surface of the liquid and lead to biological growth. Corrosive effects on metals. Copper, aluminum and zinc alloys.

SECTION 8 - FIRST AID MEASURES

SKIN CONTACT

Wash exposed skin thoroughly with soap and water.

EYE CONTACT

Flush eyes with water for 15 minutes. Seek medical advice if irritation persists.

INGESTION

I DO NOT induce vomiting. Drink 1-2 Glasses of water to dilute. Seek medical advice. if irritation persists.

INHALATION

If inhaled, remove to fresh air.

SECTION 9 - PREPARATION DATE OF MSDS

PREPARED BY Envision Compliance Ltd.	PHONE NUMBER 905-760-1638	DATE January 28, 2003
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