

Item #31-01600 - 31-01604

Material Safety Data Sheet
FLUORESCENT WATER BASED INK

Date 10/24/02 Revision B

Section 1 - Product and Company Identification

General Use: Ink for writing and marking instruments

Manufacturer:

LIQUI-MARK
130 SWALM STREET
WESTBURY, NEW YORK 11590-4820
PHONE (information & emergency) 516-333-5100
FAX 516-333-5396
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Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
ETHYLENE GLYCOL	107-21-1	
TRIETHANOLAMINE		
ACID BLUE # 9		
ACID RED # 87	17372-87-1	
ACID YELLOW # 23	1934-21-0	
SOLVENT GREEN # 7	6358-69-6	
BASIC RED # 1		
NON-HAZARDOUS INGREDIENTS		50-60

Ingredient	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
ETHYLENE GLYCOL		50 PPM	
TRIETHANOLA-MINE	75		
ACID BLUE # 9		NIE	
ACID RED # 87			RTECS, 1985
ACID YELLOW # 23		N/E	
ACID RED # 73		N/E	
BASIC RED # 1			
SOLVENT GREEN # 7			
NON- HAZARDOUS INGREDIENTS			

Section 3 - Physical and Chemical Properties

Appearance and Odor: ODORLESS LIQUID
 Vapor Pressure:
 Vapor Density (Air=1) : 1.5
 Surface Tension: 31-34 CPS
 Specific Gravity (H₂O=1, at 4 °C) : 1.02-1.08

Water Solubility: COMPLETE
 Boiling Point: 105-110 DEG C
 Freezing/Melting Point:
 Viscosity:
 Evaporation Rate: 1.0

Product: FLUORESCENT WATER BASED INK**Date 10/24/02 Revision: B****Section 4 - Fire-Fighting Measures**

Flash Point: 500 DEG F
Flash Point Method: COC
Autoignition Temperature:
LEL:
UEL:
Flammability Classification: N.A.
Extinguishing Media: USE WATER, CARBON DIOXIDE, FOAM OR DRY POWDER
Unusual Fire or Explosion Hazards: NONE
Fire-Fighting Instructions: N.A. IN THE AMOUNT OF DYE USED IN FORMULATION

Section 5 - Stability and Reactivity

Stability: STABLE
Polymerization: WILL NOT OCCUR
Chemical Incompatibilities: N.A.
Conditions to Avoid: NONE
Hazardous Decomposition Products:

Section 6 - Health Hazard Information**Potential Health Effects**

Primary Entry Routes: NOT HAZARDOUS
Target Organs:
Acute Effects:
Inhalation:
Eye:
Skin:
Ingestion:
Carcinogenicity:
Medical Conditions Aggravated by Long-Term Exposure: NO EVIDENCE OF ADVERSE HEALTH EFFECTS FROM AVAILABLE INFORMATION
Chronic Effects:

Emergency and First Aid Procedures

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION
Eye Contact: FLUSH EYES WITH LARGE AMOUNTS OF WATER. CONTACT A PHYSICIAN
Skin Contact: USE SOAP AND WATER
Ingestion: GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. CALL A PHYSICIAN
After first aid, get appropriate in-plant, paramedic, or community medical support.

Product: FLUORESCENT WATER BASED INK**Date 10/24/02 Revision: B****Section 7 - Spill, Leak, and Disposal Procedures****Spill /Leak Procedures:** RINSE SPILLED MATERIAL WITH WATER**Containment:****Cleanup:** COLLECT USING ABSORBENT MATERIAL**Regulatory Requirements:****Disposal:****Disposal Regulatory Requirements:** ALL MATERIAL SHOULD BE PACKED, LABELED AND DISPOSED IN CONFORMANCE WITH APPLICABLE, LOCAL STATE AND FEDERAL REGULATIONS.**Container Cleaning and Disposal:****Ecological Information:****Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:** LOCAL EXHAUST**Administrative Controls:****Respiratory Protection:** N.A.**Protective Clothing/Equipment:****Safety Stations:****Contaminated Equipment: Comments:****Section 9 - Special Precautions and Comments****Handling Precautions:** HANDLE WITH REASONABLE CARE**Storage Requirements:****Prepared By:** R. DINGLAS**Revision Notes:**