

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**
30 DAVIDS DRIVE
HAUPPAUGE, NY 11788
PHONE (information & emergency) 631-236-4333
FAX 631-236-4334
☆☆☆☆☆ ☆☆☆☆☆

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 |

| | OSHA | ACGIH | OTHER LIMITS RECOMMENDED |
|-------------------------------|------|--------|--------------------------|
| Ingredient | PEL | TLV | |
| 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

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Appearance and Odor: ODORLESS LIQUID</p> <p>Vapor Pressure:</p> <p>Vapor Density (Air=1) : 1.5</p> <p>Surface Tension: 31-34 CPS</p> <p>Specific Gravity (H₂O=1, at 4 °C) : 1.02-1.08</p> | <p>Water Solubility: COMPLETE</p> <p>Boiling Point: 105-110 DEG C</p> <p>Freezing/Melting Point:</p> <p>Viscosity:</p> <p>Evaporation Rate: 1.0</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.

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: