



Safety Data Sheet

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9739590- S100151-
 9739592 BE010642
 9739593 A.C.D.G
 9739594- 9712769 ?
 9739595-
 9739596 A thru H
 9739597 -
 9739598 A thru H-

V# 654009

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Permanent Marker Ink
Liqui-Mark Item # 57xxx, 90xxx, 91xxx, 93xxx, 17xxx, 18xxx, 13xxx
Contact Email: sales@liquimark.com
Usage: (see Section 7)

SECTION 2: HAZARDS IDENTIFICATION

| | |
|--|--|
| Physical / Chemical Hazard: | NOT HAZARDOUS |
| Environmental Hazard: | NO DATA AVAILABLE |
| Target Organs: | |
| Acute Effects: | >4000 MG/KG |
| Signs and symptoms of exposure: |  ALCOHOLIC VAPORS MAY HAVE NARCOTIC EFFECTS |
| Carcinogenicity: | NONE OF THE USED CHEMICALS ARE KNOWN TO BE CARCINOGENS |
| Chronic Effects: | NO DATA AVAILABLE |

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient Name | % of Comp. | Cas No. |
|-----------------|------------|---------|
| PROPAN-L-OL | 50-100 | 71-23-8 |

Other non-classified hazards: n/a

SECTION 4: FIRST AID MEASURES

- Inhalation:** REMOVE TO FRESH AIR, KEEP PATIENT WARM AND AT REST; IF BREATHING IS IRREGULAR OR STOPPED ADMINISTER ARTIFICIAL RESPIRATION; IF UNCONSCIOUS PLACE IN RECOVERY POSITION AND SEEK MEDICAL ADVICE.
- Eyes:** FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES, HOLDING EYELIDS APART FOR THOROUGH IRRIGATION. IN CASE OF REMAINING IRRITATION SEEK MEDICAL ATTENTION.
- Skin:** Wash affected area thoroughly with soap and water. If any irritation develops, consult a Physician.
- Ingestion:** IF ACCIDENTALLY SWALLOWED OBTAIN IMMEDIATE MEDICAL ATTENTION. KEEP AT REST. DO NOT INDUCE VOMITING.

After first aid, get appropriate in plant, paramedic, or community medical support.

SECTION 5: FIRE FIGHTING MEASURES

- Flash Point F(C):** 22 DEG C – ***Product is Not Self Igniting***
- Flash Point Method:**
- Auto ignition Temperature:** ***Product is Not Self Igniting***
- Extinguishing Media:** ALCOHOL RESISTANT FOAM, CO₂, POWDERS, WATER SPRAY
- Special protective Equipment:** WEAR SELF-CONTAINED BREATHING APPARATUS.
- Unusual Fire & Explosion Procedures:** NONE EXPECTED. FIREFIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES.
- Fire Fighting Instructions:** COOL CLOSED CONTAINERS EXPOSED TO FIRE WITH WATER. DO NOT USE WATER JET.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid any uncontrolled release of material.
- Spills / Leaks:** Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using an absorbent dust control product and placed in containers. Spill area can be washed with water. Collect water for approved disposal. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations.

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY HAZARDOUS COMMUNICATION STANDARD. HOWEVER, AS WITH ALL CHEMICAL; HANDLE WITH CARE AVOID EYE & SKIN CONTACT.

SECTION 7: HANDLING & STORAGE

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|-------------------------|---|
| Handling: | HANDLE WITH REASONABLE CARE. |
| Storage: | KEEP CONTAINER TIGHTLY CLOSED, PROTECT FROM THE INFLUENCE OF WEATHER. |
| Storage Class: | |
| CSR Information: | Consistent with known Exposure Scenario |
| Envir. Handling: | See section 12 |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| | |
|---------------------------------|---|
| Engineering Controls: | NOT NECESSARY |
| Ventilation: | LOCAL EXHAUST |
| Administrative Controls: | |
| Respiratory Protection: | NOT NECESSARY, GOOD ROOM VENTILATION IS SUFFICIENT |
| Protective Equipment | RUBBER / PLASTIC GLOVES AND PROTECTIVE GLASSES |
| Safety Stations | PAY ATTENTION TO THE USUAL RULES FOR HANDLING CHEMICALS |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|-------------------------------|
| Appearance and Odor: | LIQUID AND TYPICAL |
| Boiling Point: | 97° DEG C |
| Surface Tension: | NOT DETERMINED |
| % Volatile: | 88 |
| Solubility in water: | PARTIALLY SOLUBLE |
| Specific Gravity: | (H2O=1, AT 4 °C): 0.84+/-0.02 |
| Vapor Pressure: | |
| Vapor Density: | (AIR=1): >1.0 |
| Evaporation Rate: | >1.0 |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | STABLE |
| Polymerization: | WILL NOT OCCUR |
| Conditions to Avoid: | AVOID HEATING ABOVE 60° C |
| Chemical Incompatibilities: | CONCENTRATE OXIDIZING AND REDUCING AGENTS |
| Hazardous Decomposition Products: | NO HAZERDOUS DECOMPOSITION PRODUCTS KNOWN |

SECTION 11: TOXICOLOGICAL INFORMATION

Oral: NO DATA AVAILABLE.
Dermal: NO DATA AVAILABLE.
Effects to eyes: EYES - SLIGHT IRRITANT.
Skin irritation: SKIN - SLIGHT IRRITANT.

Chemical Safety Assessment (CSA): N/D
Substance subject to authorization/restriction: NO

SECTION 12: ECOLOGICAL INFORMATION

No Data Available

Fish toxicity: NO DATA AVAILABLE.
Bacteria Toxicity: NO DATA AVAILABLE.
Biodegradation: NO DATA AVAILABLE.

SECTION 13: DISPOSAL CONSIDERATION

DISPOSE OF ONLY IN AN APPROVED LAND-FILL AREA OR BY CONTROLLED INCINERATION IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.

Contaminated Packaging: EMPTY BAGS THOROUGHLY. CARRY OUT THE PROPER RECYCLING, RE-USAGE OR DISPOSAL.

SECTION 14: TRANSPORT INFORMATION

UN Number :

| REGULATION | DESCRIPTION (proper shipping name) |
|-----------------|------------------------------------|
| DOT : | NOT REGULATED |
| Land Transport: | NOT REGULATED |
| Air Transport: | NOT REGULATED |
| Sea Transport: | NOT REGULATED |

SECTION 15: REGULATORY INFORMATION

CPSIA Approved: YES
ASTM D-4236 Approved: YES
California Proposition 65: YES

SECTION 16: OTHER INFORMATION

Revision Information: Revision D
Revision Date: 08/28/2017