



Material Safety Data Sheet

Cancer Diagnostics Tissue Dye

Section I- Identification

Emergency Phone Number.....1-877-846-5393
NameCancer Diagnostics, Inc.
P.O. Box 1205
Birmingham, MI 48012-1205
Effective Date.....02/2002 Revised Date: 01/2010
Product Identifier.....0727-1,0727-2,0727-3,0727-4,0727-5,0727-6,0727-7,0728-1,0728-2,0728-3,0728-4,0728-5,0728-6,0728-7
02000,03000,MD1001,MD1002,MD1003,MD1004,MD1005,MD1006,MD1007,MD2000,MD3000,
MK0030, MK0120
Trade Name.....C.D.I.'s Tissue Marking Dye
Chemical Family.....Ink

Section II- Hazardous Ingredients

Hazardous Ingredients	Percent	TLV (Units)	CAS Number
Isopropyl Alcohol**	3-3.5%	400 ppm	cas #67-63-0
Ammonia**	0.8-1.6%	35 ppm	cas #7664-41-7

Special....*This chemical is subject to S.A.R.A. Title III section 313 part 372 reporting.

Section III- Physical Data

Boiling Point.....over 200°F
Freezing Point.....n/a
Volatility/Vol(%).....60-70%
Melting Point.....n/a
Vapour Pressure.....unknown
Vapour Density (air=1).....unknown
Solubility in H2O.....dispersible
Odour and Appearance.....colored liquid with ammoniacal odor
Specific Gravity.....1.02-1.14
Evaporation Rate.....n/a
PH.....8.5-10

Section IV- Fire and Explosion Hazard Data

Flashpoint and Method of Determination.....over 200°F
Lower Explosion Limit (% by Volume).....n/a
Upper Explosion Limit (% by Volume).....n/a
Means of Extinction.....carbon dioxide, dry chemical, foam
For Fire.....Use of self contained breathing apparatus and
full protective equipment is recommended.
Explosion Data.....None known

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Section V- Health Hazard Data

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Routes of Entry

Skin Contact	Skin Absorbtion	Eye	Inhalation	Ingestion
Yes	no	yes	yes	yes

Acute and Chronic over exposure effects..Breathing of vapors may cause nasal and Respiratory irritation, nausea, headaches, dizziness, pulmonary edema and pneumonitis. May cause damage to central nervous system. Prolonged use may cause skin irritation or Defatting. Exposure to eyes may cause redness or irritation.

Carcinogenicity, Reproductive effects.....Does not meet current definition of carcinogen in 26 CFR 1910.1200.

Symptoms.....see over-exposure above

Sensitization to Material Specific First

Aid Procedures.....Eyes: Flush thoroughly with copius amounts of water for at least 15 minutes. If irritation persists consult a physician.
Inhalation:Remove to clean, fresh air and treat symptomatically.
Ingestion: Induce vomiting and call a physician Immediately
Skin: Wash affected area with soap and water. Launder clothes before wearing again.

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Section VI- Reactivity Data

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Chemical Stability.....Stable

Conditions of Reactivity.....temperature extremes

Imcompatible Materials.....none known

Hazardous Decomposition Products.....Thermal decomposition may produce carbon monoxide and/or carbon dioxide, traces of monomar.

Hazardous Polymerization.....will not occur

Polymerization Avoid.....n/a

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Section VII- Spill or Leak Procedure

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Leak and Spill Procedures.....Flush with water into a suitable retaining area. Small spills may be absorbed with an appropriate absorbant.

Waste Disposal.....Dispose of in accordance with all federal, state, and local regulations

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Section VIII-Special Protection

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Respiratory Protection.....If use conditions generate vapor in area where adequate ventilation is not available, NIOSH-approved vapor respirator should be worn.

Ventilation.....Good general ventilation required to keep vapors below recommended levels.

Protective Gloves.....chemical resistant

Eye Protection.....protective goggles

Other Protective Equipment.....eye wash stations in area of use are Recommended.

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Section IX-Special Precautions

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Hazard Class.....	none, non-hazardous	1 HMIS Health
DOT Shipping name.....	none	1 HMIS Flammability
UN Number.....	none	0 HMIS Reactivity
NA#.....	none	B HMIS Personal Protection
Other.....	All raw materials contained in this product have been reported on the EPA-TSCA inventory.	

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