



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Ninhydrin, Part B

Catalog Number: 3504220-2

Part of Kit: 3504072-2

Chemical Name: 2,4,6-Collidine in Methanol

CAS #: 2,4,6-Collidine 108-75-8

Methanol 67-56-1

Formula: N/A

INGREDIENTS

Components: 2,4,6-Collidine in Methanol

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 0.79

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: Complete

pH: N/A

Appearance: Colorless Liquid

Odor: Alcohol odor

Melting Point: n/a

6/18/04

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume:

Lel: 6.7%

Uel: 36.5%

Flash Point: 52F

Auto Ignition Temp: N/A

Extinguishing Media: Dry chemical, alcohol foam, carbon dioxide, water mist.

Special Fire Fighting Procedures: Wear proper protective equipment w/Self contained breathing apparatus

Unusual Fire and Explosion Hazards: Emits toxic fumes. Closed containers may explode upon heating. Vapor can travel distances to ignition source and flash back.

REACTIVITY DATA

Stability: Stable

Incompatibility: Avoid heat and contact with ignition source, acids, oxidizers and reactive metals

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Carbon Dioxide, Carbon monoxide, Formaldehyde, Nitrogen Oxides

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear suitable clothing, carefully absorb with product such as spill-X absorbent and remove.

Waste Disposal Method: Dispose in accordance with state, local and federal regulations.

SPECIAL PROTECTION INFORMATION

Eye Protection: Safety goggles and or full face shield whenever splashing is possible.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

Respiratory Protection: If exposure limit is exceeded, wear a supplied air full face-piece respirator, air-lined hood, or full face-piece self-contained breathing apparatus.

Ventilation: Do not breathe vapors. Keep vapor levels as low as possible. Use fume hood or adequate ventilation.

Health:	2	Moderate
Fire:	3	Severe
Reactivity:	0	None

SPECIAL PRECAUTIONS

Insert Precautions:

Keep container tightly closed and store in a cool dry place.

Contaminated Equipment Precautions: Wash thoroughly with soap and water.

Hygienic Handling and Storage: Wash thoroughly with soap and water.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: May be fatal. Cannot be made non-poisonous. May cause damage -to lungs and CNS. Induce vomiting if conscious. May be harmful if swallowed in large quantity. Seek medical attention.

Inhalation: Remove to fresh air. If difficulty breathing, give oxygen. If not breathing give artificial respiration. Seek medical attention.

Skin Contact: Absorption through skin harmful. Wash immediately with soap and water. If irritation persists, seek medical attention.

Eye Contact: Rinse with copious amounts of water for 15 minutes. Seek medical attention.

Emergency Response Telephone #:
1-800-255-3924

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