



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Elution Solvent
Ethyl Acetate:isopropanol (85:15)

Catalog Number: 14040011,14040012

Chemical Name:
Ethyl Acetate:isopropanol (85:15)

CAS #: 141-78-6, 67-63-0

Formula: CH₃COOC₂H₅: (CH₃)₂CHOH

INGREDIENTS

Components: ethyl acetate,
Isopropanol (90-100% isopropyl alcohol, 0-10%
water)

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: @79 C

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: 0.850

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: 10-20%

pH: N/A

Appearance: Clear, colorless liquid

Odor: unpleasant, alcohol or fruity odor

Melting Point: N/A

FIRE AND EXPLOSION HAZARD DATA

Flammable limits in air % by volume:

Lel: 2.0%

Uel: 12.7%

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Water spray, Carbon dioxide, dry chemical or Alcohol foam.

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

Unusual Fire and Explosion Hazards: Keep fire exposed containers cool., Heat will build pressure and may rupture closed storage containers. Sensitive to static discharge.

REACTIVITY DATA

Stability: Stable

Incompatibility: Heat, sparks, open flame, open containers, and poor ventilation. Avoid nitrates, strong oxidizers, strong alkalis, or strong acids. Avoid chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium tert-butoxide, hypochlorous acid, isocyanates, nitroform, phosgene, aluminum, oleum and perchloric acid. Will attack some forms of plastic, rubber and coatings.

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Carbon dioxide, and carbon monoxide when heated to decomposition.

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear suitable clothing; carefully absorb material with absorbent recommended for solvent spills and remove. Do not use combustible materials like saw dust.

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

SPECIAL PROTECTION INFORMATION

Eye Protection: Safety glasses, goggles, or face shield.

Skin Protection: Gloves and other appropriate lab apparel.

Respiratory Protection: Use approved respirator equipment.

Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.

SPECIAL PRECAUTIONS

Insert Precautions:

Keep container tightly closed. Store in cool, dry well-ventilated location, away from acute fire hazards.

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: Can cause gastrointestinal tract discomfort. May cause nausea, vomiting or diarrhea. Can cause drowsiness, unconsciousness, and death. Give copious amounts of water.

Inhalation: Remove to fresh air. Exposure can cause depression or stimulation of the CNS.

Skin Contact: Wash immediately with soap and water. Irritant with redness and pain.

Eye Contact: Rinse with copious amounts of water. Vapors can be irritating, splashes can cause corneal and eye damage.

Health:	2	Moderate
Flammability:	4	Extreme
Reactivity:	0	None
Contact:	2	Moderate

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