



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Diazo Reagent

Catalog Number: 3507160-1

Part of Kits: 3507000-1, 3507020-6

Chemical Name: Diazo Reagent

CAS #: N/A

Formula: N/A

INGREDIENTS

Components: Sodium Nitrite, p-Nitroaniline

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: N/A

Percent Volatile: N/A

Evaporation Rate: N/A

Solubility H₂O: insoluble

pH: N/A

Appearance: tinted yellow crystals

Odor: none

Melting Point: N/A

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume:

Lel: N/A

Uel: N/A

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

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

Unusual Fire and Explosion Hazards: May explode if heated. Can explode if mixed with cyanides, ammonium salts, phthalic acid or anhydride, thiosulphates or urea.

REACTIVITY DATA

Stability: Slowly oxidizes to nitrate in presence of air.

Incompatibility: Can explode if mixed with cyanides, ammonium salts, phthalic acid or anhydride, thiosulphates or urea. Strong acids, oxidizing agents, and reducing agents.

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Thermal decomposition may produce carbon monoxide, carbon dioxide, and nitrogen oxides.

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear suitable clothing, carefully sweep up 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: Use in a chemical fume hood. 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: Keep vapor levels as low as possible, use adequate general or local exhaust.

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: Toxic by ingestion. Large doses causing nausea, vomiting, cyanosis, collapse and coma. Repeated small doses cause a fall in blood pressure, rapid pulse, headache and visual disturbance.

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

Skin Contact: Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2-4 hrs or longer. Wash immediately with soap and water.

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

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