



# Biochemical Diagnostics, Inc.

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## MATERIAL SAFETY DATA SHEET

### GENERAL INFORMATION

**TRADE NAME:** Diphenylcarbazone, Part A

**Catalog Number:** 3504110-9

Part of Kit: 3504072-2

**Chemical Name:** Diphenylcarbazone

Synonym: Phenylazofornic acid 2-phenylhydrazide

**CAS #:** 538-62-5

**Formula:** C<sub>13</sub>H<sub>12</sub>N<sub>4</sub>O

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### INGREDIENTS

**Components:** Diphenylcarbazone

**Threshold Limit Values:** N/A

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### 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 H<sub>2</sub>O:** 100% Soluble

**pH:** N/A

**Appearance:** Powder

**Odor:** None

**Melting Point:** 119C

6/22/04

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## **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:** Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

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

**Unusual Fire and Explosion Hazards:** None identified

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## **REACTIVITY DATA**

**Stability:** Stable

**Incompatibility:** Strong oxidizing agents

**Hazardous Polymerization:** Not known

**Hazardous Decomposition:** Carbon monoxide, carbon dioxide, nitrogen oxides

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## **ENVIRONMENTAL PROTECTION PROCEDURES**

**Spill Response:** Wear suitable clothing, carefully absorb and remove.

**Waste Disposal Method:** Dispose in accordance with state, local and federal regulations. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

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## **SPECIAL PROTECTION INFORMATION**

**Eye Protection:** Chemical 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:** Government approved respirator.

**Ventilation:** Keep vapor levels as low as possible, use mechanical exhaust required.

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## **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.

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## **EMERGENCY AND FIRST AID PROCEDURES:**

**Ingestion:** May be harmful if swallowed. Seek medical attention.

**Inhalation:** Material is irritating to mucous membranes and upper respiratory tract. Remove to fresh air. If difficulty breathing, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

**Skin Contact:** Causes skin irritation. 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.

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

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