



# Biochemical Diagnostics, Inc.

180 Heartland Blvd., Edgewood, NY 11717 • Phone (631) 595-9200 Fax (631) 595-9204

## MATERIAL SAFETY DATA SHEET

### GENERAL INFORMATION

**TRADE NAME:** Phenylhydrazine, 40 mg

**Catalog Number:** 3506272-6

**Part of Kits:** 3506261-1,3506094-4,3506303-0

**Chemical Name:** Phenylhydrazine Hydrochloride

**CAS #:** 59-88-1

**Formula:** C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>

### INGREDIENTS

**Components:** Phenylhydrazine Hydrochloride

**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 H<sub>2</sub>O:** soluble

**pH:** N/A

**Appearance:** White Crystalline Powder

**Odor:** Pungent

**Melting Point:** 250C to 254C

### 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, Alcohol or Polymer Foam.

**Special Fire Fighting Procedures:** Wear proper protective equipment w/Self contained breathing apparatus. Prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:** Emits toxic Fumes under fire conditions.

### REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** Oxidizing Agents, Bases

**Hazardous Polymerization:** N/A

**Hazardous Decomposition:** Nitrogen Oxides, Hydrogen Chloride Gas, Carbon Monoxide, Carbon Dioxide

## **ENVIRONMENTAL PROTECTION PROCEDURES**

**Spill Response:** Wear suitable clothing, carefully sweep up and remove, avoid making dust.

**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.

---

## **SPECIAL PROTECTION INFORMATION**

**Eye Protection:** Safety goggles

**Skin Protection:** Chemical resistant gloves and other protective clothing.

**Respiratory Protection:** Wear appropriate NIOSH/MSHA-approved respirator

**Ventilation:** Keep vapor levels as low as possible, use adequate general or local exhaust. Use only in a chemical fume hood.

---

## **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 harmful if swallowed in large quantity.

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

**Skin Contact:** Wash immediately with soap and water. Irritant.

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

*The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either express or implied of merchantability fitness for a particular purpose or of any other nature made hereunder with respect to the information set forth herein or to the product which the information refers.*