



# Biochemical Diagnostics, Inc.

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## MATERIAL SAFETY DATA SHEET

### GENERAL INFORMATION

**TRADE NAME:** Iodoplatinate Solution A

**Catalog Number:** 35041303

Part of Kit: 3504072-2

**Chemical Name:** Platinic Chloride Solution or Chloroplatinic Acid Solution

**CAS #:** 16941-12-1

**Formula:** C16Pt.2H in solution

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### INGREDIENTS

**Components:** 0.79% Platinic Chloride Solution in water

**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:** 1.006

**Percent Volatile:** N/A

**Evaporation Rate:** N/A

**Solubility H<sub>2</sub>O:** Complete

**pH:** 2.0

**Appearance:** Light yellow

**Odor:** None

**Melting Point:** 409.82 AMU

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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:** 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:** Emits toxic fumes under fire conditions.

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### REACTIVITY DATA

**Stability:** Stable

**Incompatibility:** May decompose on exposure to light. May decompose on exposure to moist air or water. Avoid Bases.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition:** Hydrogen Chloride Gas

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## ENVIRONMENTAL PROTECTION PROCEDURES

**Spill Response:** Evacuate area. Wear self-contained breathing apparatus, boots, and heavy gloves. Absorb with dry lime or soda ash, pick up, keep in closed container, and hold for waste removal. Ventilate area and wash spill site.

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

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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, chemical resistant 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:** Use only in a chemical fume hood.

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<b>Health:</b>	3	Severe
<b>Flammability:</b>	0	None
<b>Reactivity:</b>	0	None

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

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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:** Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin. Seek medical attention if ingested.

**Inhalation:** Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Remove to fresh air. If difficulty breathing; give oxygen. If not breathing give artificial respiration. Seek medical attention. Symptoms include: burning sensation, coughing, wheezing, laryngitis, shortness of breath. Inhalation may result in spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema.

**Skin Contact:** Causes burns. Wash immediately with soap and water. Seek medical attention.

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