1 PRODUCT IDENTIFICATION

TRADE NAME: Double Antibody Glucagon In-vitro Diagnostic Test Kit

MANUFACTURER/SUPPLIER: Diagnostic Products Corporation 5700 W. 96th St., Los Angeles CA 90045

Emergency Phone Number: (800) 372-1782 Phone Number: (800) 372-1782 Fax Number: (310) 645-9999

PRODUCT COMPONENTS & CATALOG NUMBERS: Glucagon Antiserum GND1; ¹²⁵I Tracer GND2; Calibrators GND3 & GND8; Precipitating Solution GNRG; Controls GNCO1 & GNCO2

PRODUCT FORMAL NAME: Diagnostic Reagent

PRODUCT CHEMICAL NAME: Aqueous Solution

2 HAZARDOUS INGREDIENTS

Kit Component(s): GND2

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>Percent</th>
<th>CAS Number</th>
<th>EEC Classification</th>
<th>Symbol</th>
<th>Index #</th>
</tr>
</thead>
<tbody>
<tr>
<td>GND2: ¹²⁵I (100 test kit)</td>
<td>&lt;2 μCi</td>
<td>14158-31-7</td>
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</tbody>
</table>

3 HAZARD IDENTIFICATION

Iodine125 is a radioactive tracer element. 60.2 day radioactive half-life. Emits gamma rays.

4 FIRST AID MEASURES

EYE CONTACT: Flush with copious amounts of fresh water for at least 15 minutes.

SKIN CONTACT: Wash well with mild soap and copious amounts of fresh water. Remove any contaminated clothing. Flush skin surface with additional water.

INGESTION: Flush mouth with copious amounts of water. Do not swallow rinse water.

INHALATION: Remove victim to fresh air. If breathing is labored, administer oxygen as needed. If victim is not breathing, administer artificial respiration or CPR.

Radiological Incident: Survey with appropriate radiation detection equipment. Repeat as necessary.

If warranted, seek medical attention. If possible, save sample of material that caused reaction for use in determination of appropriate treatment.

5 FIRE EXTINGUISHING MEASURES

Use extinguishing media appropriate to surrounding fire. No special equipment or procedures are required. There is no explosion potential.

6 ACCIDENTAL RELEASE MEASURES

Absorb spills of reagents and patient samples with absorbent paper, taking care not to spread the material. Clean spill area with a freshly made 0.5% sodium hypochlorite (bleach) solution. Discard all materials used to absorb spill and disinfect area into biohazard waste collection for proper disposal.

7 HANDLING AND STORAGE

HANDLING: Do not eat, drink, smoke or apply cosmetics in laboratory areas. Do not pipet patient samples or reagents by mouth. Avoid splashing or aerosol formation. Use all reagents in accordance with the relevant package insert. Avoid high temperatures and keep from freezing during transport.

STORAGE: Store all reagents as directed in the relevant package insert.

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Wear appropriate personal protective equipment when working with reagents or patient specimens, including lab coats, disposable gloves and eye protection. Avoid hand/mouth contact. Wash hands as soon as possible after handling reagents or patient specimens.

Control Parameters of Hazardous Ingredients:

Not Applicable
9 PHYSICAL & CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>0°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Autoinflammability</td>
<td>N/A</td>
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<tr>
<td>Explosiveness</td>
<td>N/A</td>
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<tr>
<td>Flash Point</td>
<td>N/A</td>
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<tr>
<td>Autoinflammability</td>
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<tr>
<td>Explosiveness</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
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<tr>
<td>Relative Density</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Complete</td>
</tr>
</tbody>
</table>

10 STABILITY & REACTIVITY

The reagents in the kit are stable under the storage conditions described in the package insert. Hazardous decomposition will not occur. There are no known strong incompatibilities.

11 TOXICOLOGICAL INFORMATION

WARNING: This product contains a radionuclide, a chemical known to the State of California (Proposition 65) to cause cancer and birth defects or other reproductive harm.

12 ECOLOGICAL INFORMATION

Not applicable

13 DISPOSAL

Dispose in accordance with applicable laws

14 TRANSPORT INFORMATION

Proper Shipping Name: Radioactive Material, limited quantity, n.o.s.
Hazard Class: Radioactive Material
Identification Number: UN 2910 Radioactive Material

15 REGULATORY INFORMATION

Pursuant to U.S. OSHA regulations and the EEC Directive Number 88/379, the only hazardous ingredients associated with this product are those listed in Section 2 above.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The user should determine the suitability of this information for the intended use of the product and adopt appropriate safety precautions. DPC shall not be held liable for any damage resulting from handling or from contact with the above product. Contact DPC for further information.

Date MSDS first initiated: September 30th 1998
Date MSDS Revised: June 22, 2001
Prepared By: Hopkins/Smoot
Sections Revised: 1, 11, 15