# MATERIAL SAFETY DATA SHEET

## Identity
De-Fend 0.25 oz. & 4 oz. Hand Sanitizing Gel - Part #6810, #6615, #6620, #6625

<table>
<thead>
<tr>
<th>Manufacturer: Fendal Company</th>
<th>Emergency Telephone: 708-577-7400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: 3 East College Drive, Arlington Heights, IL 60004</td>
<td>Information Telephone: 800-343-842</td>
</tr>
<tr>
<td>Date Prepared: 02/23/95</td>
<td></td>
</tr>
</tbody>
</table>

## Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other limits recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>i-PROPYL ALCOHOL (IPA) (ISOPROPYL ALCOHOL) CAS #87-63-0</td>
<td>980</td>
<td>N/A</td>
<td>N/A</td>
<td>70%</td>
</tr>
</tbody>
</table>

## Section III - Physical/Chemical Characteristics

- **Boiling Point:** 160°F (71°C)
- **Vapor Pressure (mm Hg):** NOT DETERMINED
- **Vapor Density (Air = 1):** NOT DETERMINED
- **Solubility in Water:** 100%
- **Appearance and Odor:** CLEAR GEL WITH CHARACTERISTIC ODOR.

## Section IV - Fire and Explosion Hazard Data

- **Flash Point (Method Used):** T2°C, T2°C (COC)
- **Flammable Limits:** Flammable: LEI: 2.5, UEL: 12
- **Extinguishing Media:** FOG, FOAM OR WATER SPRAY
- **Special Fire Fighting Procedures:** NONE
- **Unusual Fire and Explosion Hazards:** THERMAL DECOMPOSITION MAY YIELD CO, CO2.

## Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Reactivity</th>
<th>Stability</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Unstable: NO</td>
<td>NONE</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>Stable: YES</td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition or Byproducts</td>
<td>NOT DETERMINED</td>
<td></td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>May Occur: NO</td>
<td>NONE</td>
</tr>
<tr>
<td>Will Not Occur: YES</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Section VI - Health Hazard Data

- **Route(s) of Entry:** Inhalation: NO, Skin: NO, Ingestion: YES
- **Health Hazards (Acute and Chronic):** EYE IRRITANT, MAY CAUSE EYE DAMAGE. INGESTION: MAY CAUSE A BURNING SENSATION IN THE DIGESTIVE TRACT, VOMITING, BLEEDING AND DEPRESSION OF THE CENTRAL NERVOUS SYSTEM.
- **Carcinogenicity:** NTP: NO, IARC Monographs: NO, OSHA Regulated: NO
- **Signs and Symptoms of Exposure:** N/A
- **Medical Conditions Generally Aggravated by Exposure:** N/A
- **Emergency First Aid Procedures:** EYES: FLUSH WITH EYEWASH SOLUTION OR WATER FOR 15 MINUTES. IF SWALLOWED DRINK 1 OR 2 GLASSES OF WATER. IN BOTH CASES SEEK MEDICAL ATTENTION.

## Section VII - Precautions for Safe Handling and Use

- **Waste Disposal Method:** IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS
- **Precautions to Be Taken in Handling and Storage:** KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.
- **Other Precautions:** KEEP OUT OF REACH OF CHILDREN.

## Section VIII - Control Measures

- **Respiratory Protection:** N/A
- **Ventilation:** Local Exhaust: N/A, Mechanical: N/A
- **Protective Gloves:** N/A
- **Eye Protection:** N/A
- **Other Protective Clothing:** N/A
- **Work Hygienic Practices:** N/A