SAFETY DATA SHEET: p-NAPHTHOLBENZEIN

1. IDENTIFICATION

Product Name: p-NAPHTHOLBENZEIN
Synonyms: para-Naphtholbenzein
Formula and Formula Weight: C27H18O2, 374.44
Integra numbers beginning with: N141.50
Recommended Use: Commercial/industrial use
Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA  98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHA Classification:
Skin Corrosion/Irritation: 2 Causes skin irritation.
Eye Damage/Irritation: 2A Causes serious eye irritation.
Specific Target Organ Toxicity (single exposure): 3 May cause respiratory irritation.

Precautionary Statements
Prevention:
Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapors, spray. Wash thoroughly after handling. Wear eye protection, face protection. Wear protective gloves.

Response
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice, attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice, attention. Call a poison center, doctor if you feel unwell.
Specific treatment (see first aid section on this label)
Take off contaminated clothing and wash it before reuse.

Storage
Store locked up in a well ventilated place. Keep container tightly closed.

Disposal
Dispose of contents, container in accordance with all governmental regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component | Synonyms | CAS #    | % Weight
--- | --- | --- | ---
p-Naphtholbenzein | para-Naphtholbenzein | 00145-50-6 | 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing.
Eye Contact: Flush eyes with plenty of water. Remove contact lenses, if present and easy to do. If irritation persists, seek medical attention.
Skin Contact: Remove contaminated clothing. Flush skin with plenty of water. Seek medical attention if irritation develops.
Ingestion: Rinse mouth and give victim large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Additional notes: Symptoms and effects include skin, eye, respiratory irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: As with most organic solids, combustion is possible at elevated temperatures.
Hazardous combustion products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES
**Spill Procedures:** Remove all potential ignition sources. Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into disposal container in a manner that minimizes dust dispersion.

### 7. HANDLING AND STORAGE

**Incompatible Materials:** Incompatible with strong oxidizers.

**Storage and Handling:** Store locked up in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage.

Use only outdoors or in a well-ventilated area. Avoid breathing dust, fume, gas, mist, vapors, spray.

Wash thoroughly after handling.

Wear eye protection, face protection. Wear protective gloves.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**OSHA & ACGIH Exposure Limits:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>p-Naphtholbenzein</td>
<td>None identified</td>
</tr>
</tbody>
</table>

**Engineering Controls:** Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.

**Respiratory Protection:** If use generates dusts, mists or vapors, use a NIOSH approved respirator with a particulate filter.

**Skin/Eye Protective Equipment:** Safety goggles, protective clothing and gloves appropriate for the risk of exposure.

Facilities storing or utilizing this material should have readily accessible eyewash stations and safety showers.

Select respirators and other safety equipment in accordance with regulations and based upon the particular conditions of use and risk of exposure. Always use safe chemical-handling and good industrial hygiene practices.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Red crystals</td>
</tr>
<tr>
<td>Odor</td>
<td>Not available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>230-235 °C</td>
</tr>
<tr>
<td>Initial Boiling Point and Boiling Range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammable or Explosive Limits (% by volume in air)</td>
<td>Lower: Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Reactivity:** No information available

**Stability:** Stable

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur

**Conditions to Avoid:** Excessive heat and exposure to light.

**Incompatibles:** Incompatible with strong oxidizers.

**Decomposition Products:** Oxides of carbon.

### 11. TOXICOLOGICAL INFORMATION

**Effects of Over Exposure:**

- **Inhalation:** Inhalation may irritate the nose, throat and upper respiratory tract.
- **Skin Contact:** Contact may cause skin irritation.
- **Eye Contact:** Contact may cause serious eye irritation.
- **Ingestion:** May be harmful if swallowed.
- **Chronic Effects:** No information available
- **Target Organs:** No information available
- **Additional Effects:** No information available
- **Reproductive Effects:** No information available
- **Carcinogenicity:** None identified

**Toxicity Data:**

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### 12. ECOLOGICAL INFORMATION

**Aquatic Toxicity Data:**

**Terrestrial Toxicity Data:**

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12. ECOLOGICAL INFORMATION

<table>
<thead>
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<th>Terrestrial Toxicity Data:</th>
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<tbody>
<tr>
<td>p-Naphtholbenzein</td>
<td>No information available</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Other adverse effects: No information available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Dispose of material and containers in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

This product is not a regulated material for domestic ground transportation.

- Environmental hazards: No information available
- Special precautions: No information available
- Bulk transport: No information available

15. REGULATORY INFORMATION

p-Naphtholbenzein is listed in the TSCA inventory.

16. OTHER INFORMATION

OSHA SDS #: 25978 rev 101 3/27/2015

| NE = Not established, NA = Not applicable or Not available |

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***** END OF SDS *****