Material Safety Data Sheet

Manufacturer: Xerox Corporation
Rochester, New York 14644

Health Emergency Tel No.: (716)422-2177
Transportation Emergency: Chemtrec (800)424-9300
Safety Information Tel No.: (800)828-6571

Section I - Product Identification

Trade Names/Synonyms: PolaClear
Part No.: 9R84317

Chemical Name: Isopropanol
WHMIS Class: D2B

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (&gt;90%)</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Isopropanol (&lt;10%)</td>
<td>67-63-0</td>
</tr>
</tbody>
</table>

Section II - Emergency and First Aid

Eyes: Flush thoroughly with water.
Skin: Wash thoroughly with soap and water. Call physician.
Inhalation: Remove from exposure. Call physician.
Ingestion: Dilute stomach contents with several glasses of water. Call physician.

Primary Route of Entry: Inhalation
Symptoms of Overexposure: Central nervous system depression, cardiovascular and respiratory depression and gastrointestinal irritation.

Medical Conditions Generally Aggravated by Exposure: None when used as described by product literature.
Additional Information: Call physician.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

Oral LD50: >15.38 g/kg (rabs) practically non-toxic.\(^2\)
Dermal LD50: >16 g/kg (rabbits) practically non-toxic.\(^2\)
Inhalation LC50: Not determined
Eye Irritation: Irritant
Skin Sensitization: Not determined
Skin Irritation: Not an irritant.
Human Patch: Not determined
Mutagenicity: Not determined
Carcinogens: None present
Aquatic LC50: Not determined

Additional Information: Prolonged or repeated skin contact may cause defatting of the skin.

\(^1\)This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372. \(^2\)Based on information for isopropyl alcohol. \(^3\)XEL-Xerox Exposure Limit

N.A. - Not Applicable N.E. -None Established N.D. -Not Determined

600E66190
Section IV - Physical Data

Appearance/Odor: water, white liquid/alcoholic odor
Boiling Point: 82°C (180°F)
Solubility in Water: dilutable
Evaporation Rate: N.D.
Vapor Density (Air=1): 2.07
Volatile N.A. % (Wgt) 100%(Vol.)

Section V - Fire and Explosion Data

Flash Point (Method Used): None (T.C.C.)
Flammable LEL: 2%
Flammable Limits UEL: 12%
Extinguishing Media: Dry chemical, carbon dioxide for small fires, alcohol-type foam for large fires.
Special Fire Fighting Procedures: Use water spray to cool containers. Firefighters should wear self contained breathing apparatus.
Fire and Explosion Hazards: A moderate explosion hazard occurs when this material is exposed to heat or flames.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Incompatibility (Materials to Avoid): Strong oxidizers

Section VII - Special Protection Information

Respiratory Protection: None during normal use. For large spills, wear air-supplied masks.
Eye Protection: Safety glasses with side shields or goggles recommended.
Protective Gloves: Wear rubber or vinyl coated gloves.
Other: None required when used as intended in Xerox products.

Section VIII - Special Precautions

Handling and Storage: Do not store near heat, flames, sparks, or strong oxidants. Keep containers closed.
Conditions to Avoid: Avoid heat, sparks and open flames.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: Use adequate ventilation. Eliminate sources of ignition. Absorb liquid on vermiculite or other absorbent material, sweep or shovel spill into empty plastic-lined container. Secure cover on waste container. Flush contaminated area with water only AFTER spill has been picked up. Use sufficient water.
Waste Disposal Method: Absorb liquid on vermiculite or other absorbent material or atomize into an incinerator where permitted. Dispose of in accordance with federal, state, and local regulations.

Section X - Transportation Information

<table>
<thead>
<tr>
<th>Proper Shipping name</th>
<th>Hazard Class</th>
<th>Packing Group</th>
<th>UN ID#</th>
<th>small quantity exception may apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.O.T.</td>
<td>Isopropyl alcohol 3</td>
<td>II</td>
<td>UN 1219</td>
<td>yes</td>
</tr>
<tr>
<td>I.A.T.A.</td>
<td>Isopropyl alcohol 3</td>
<td>II</td>
<td>UN 1219</td>
<td>yes</td>
</tr>
<tr>
<td>I.M.O.</td>
<td>Isopropyl alcohol 3</td>
<td>II</td>
<td>UN 1219</td>
<td>yes</td>
</tr>
</tbody>
</table>