Section I - Product Identification

Trade Names/Synonyms: Film Remover, Thermal Head Cleaner, ½ inch Tape Drive Cleaning Solution
Part No.: 8R26, 8R27, 43P45, 8R160, 8R161 8R3520, 8R3801 Contained in 9R88432

Chemical Name: Isopropanol

Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl alcohol</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.
Inhalation: Remove from exposure.
Ingestion: Dilute stomach contents with several glasses of water.
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: 5.84 g/kg (rats) slightly toxic.  TLV: 400 ppm
Oral LD₅₀: 8.6 g/kg (human) practically non-toxic.  PEL: 400 ppm
Dermal LD₅₀: >13 g/kg (rabbits) practically non-toxic.  STEL: 500 ppm
Inhalation LC₅₀: Not determined  Ceiling: None established
Eye Irritation: Irritant  XEL: None established

Skin Sensitization: Not a sensitizer.
Skin Irritation: Not an irritant.
Human Patch: Not determined
Mutagenicity: Not determined
Carcinogens: None present
Aquatic LC₅₀: Not determined.

Additional Information: None

¹This 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. ²Prolonged or repeated skin contact may cause defatting of the skin. ³XEL-Xerox Exposure Limit.
XEROX  
Trade Name: Film Remover, Thermal Head Cleaner, ¼ inch Tape Drive Cleaning Solution  
MSDS No.: D-0402

Section IV - Physical Data

Appearance/Odor: Clear liquid / alcoholic odor  
Boiling Point: 82°C (180 °F)  
Solubility in Water: Completely  
Evaporation Rate: 2.4 (n-butylacetate=1)  
Vapor Density (Air=1): 2.07  
Volatile: N.A.% (Wt.) 100 % (Vol.)  
Softening Range: N.A.  
Melting Point: -89 °C  
Specific Gravity (H₂O=1): 0.79 @20 °C  
Vapor Pressure @ 20°C (mm Hg): 33@ 20 °C  
VOC: VOC 790 g/l  

Section V - Fire and Explosion Data

Flash Point (Method Used): 12 °C (53°F) T.C.C.  
Flammable Limits: LEL: 2%, UEL: 12%  
NFPA 704: Health - 0, Fire - 3, Reactivity - 0  
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): Anyhyride, isocyanate, monomer and organometallic combination, strong oxidants, ethylene oxide, oleum

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 required.  
Protective Gloves: Rubber or vinyl coated gloves required.  
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 oxidents. 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. Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.  
Waste Disposal Method: Absorb liquid on vermiculate 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>D.O.T.</th>
<th>Proper Shipping name</th>
<th>Hazard Class</th>
<th>ID#</th>
<th>Packing Group</th>
<th>small quantity exceptions may apply</th>
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</thead>
<tbody>
<tr>
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<td>Isopropyl alcohol</td>
<td>3</td>
<td>II</td>
<td>UN 1219</td>
<td>yes</td>
</tr>
<tr>
<td>I.M.O.</td>
<td>Isopropyl alcohol</td>
<td>3</td>
<td>II</td>
<td>UN 1219</td>
<td>yes</td>
</tr>
</tbody>
</table>

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