Section I - Product Identification

Trade Names/Synonyms: Cleaning Solvent

Chemical Name: Naphtha (Petroleum), Light Alkylate

WHMIS Status: Class B/Div. 2 Flammable Liquids

Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic Isoparaffinic hydrocarbon (100%)</td>
<td>64741-66-8</td>
</tr>
</tbody>
</table>

Section II - Emergency and First Aid

Primary Route of Entry: Inhalation

Eyes: High vapor concentrations (>1000 ppm) are irritating to the eyes and respiratory tract, and may cause headaches, dizziness anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

If irritation persist, call a physician.

Skin: Wash with large amounts of soap and water. If skin is broken, call a physician. Remove grossly contaminated clothing, including shoes, and launder before reuse.

Inhalation: Remove from exposure. If overcome, call physician immediately. Administer artificial respiration if breathing has stopped.

Ingestion: **DO NOT** induce vomiting. Keep at rest and call a physician immediately.

Medical Conditions Generally Aggravated by Exposure:

Skin contact may aggravate an existing dermatitis.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation. The toxicity data noted below is for isoparaffinic hydrocarbons and similar inks.

Oral LD$_{50}$: >10 g/kg (rat) practically non-toxic.

Dermal LD$_{50}$: >3 g/kg (rabbit) practically non-toxic.

Inhalation LC$_{50}$: 4450 ppm/4 hr.

Eye Irritation: May cause slight irritation.

Skin Sensitization: Not a sensitizer.

Skin Irritation: May cause slight irritation.

Human Patch: Non-sensitizing. May cause irritation and dermatitis with prolonged or repeated contact.

Mutagenicity: Genetic toxicity negative.

Carcinogens: None present

Aquatic LC$_{50}$: A C$_9$ isoparaffin has a 96-hour LL$_{50}$ (rainbow trout)=18.4 mg/l.

Additional Information:

- Isoparaffinic hydrocarbon solvent has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury, including fatality.
- Non-teratogenic

1^XEL-Xerox Exposure Limit. The manufacturer recommends an exposure limit of 300 ppm.

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

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Section IV - Physical Data

Appearance/Odor: Clear colorless liquid/faint odor  Softening Range: N.A.
Boiling Point: 118-140 °C (244-284 °F)  Melting Point: -60°C
Solubility in Water: <0.01%  Specific Gravity (H₂O=1): 0.72
Evaporation Rate: 1.6 (n-Butylacetate = 1)  Vapor Pressure @ 20°C (mm Hg): 36
Vapor Density (Air=1): 3.9  pH: ~7
Volatile: 100 % (Wt.)  Volatile Organics: 720 g/l

Section V - Fire and Explosion Data

Flash Point (Method Used): 7.2°C (45°F) (T.C.C.)
Flammable Limits: LFL: 1.3%, UFL: 10.2%
NFPA 704: Health - 1, Fire - 3, Reactivity - 0
Extinguishing Media: Foam, dry chemical, CO₂. Water fog or spray to disperse vapors and cool containers.
Special Fire Fighting Procedures: Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes. Vapors or liquid may settle in low areas or travel some distance along the surface to ignition sources where they may ignite or explode.
Fire and Explosion Hazards: Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Fumes, smoke and carbon monoxide in the case of incomplete combustion.
Incompatibility (Materials to Avoid): Strong oxidants like liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite. Moderate risk of peroxide formation.

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended in Xerox products.
Eye Protection: Splash goggles or face shield when a splash hazard exists (i.e. pouring).
Protective Gloves: None required when used as intended in Xerox products.
Other: Chemical resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.

Section VIII - Special Precautions

Handling and Storage: Has static accumulation potential. Use proper bonding and/or grounding procedures.
Conditions to Avoid: Adequate ventilation required (equivalent to outdoors).

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: Remove ignition sources. Recover free liquid, using an absorbent material (vermiculite, fire retardant, sand, etc.) Prevent liquid from entering sewers, watercourses, or low areas.
Waste Disposal Method: Waste liquid is a flammable, hazardous waste. It is considered to be a flammable, non-toxic oil. Its RCRA hazardous waste number is D001 and it should be disposed of at an approved disposal site or facility 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>ID #</th>
<th>Packing Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.O.T Petroleum Distillate, n.o.s. (Isoparaffinic hydrocarbon solvent)</td>
<td>3</td>
<td>UN 1268</td>
<td>II</td>
</tr>
<tr>
<td>L.A.T.A Petroleum Distillates, n.o.s. (Isoparaffinic hydrocarbon solvent)</td>
<td>3</td>
<td>UN 1268</td>
<td>II</td>
</tr>
<tr>
<td>L.M.O Petroleum Distillates, n.o.s. (Isoparaffinic hydrocarbon solvent)</td>
<td>3.2</td>
<td>UN 1268</td>
<td>II</td>
</tr>
</tbody>
</table>