**Section I - Product Identification**

**Trade Names/Synonyms:**
- 3002, 3004, 3006, 4003, 4004, XJet 2110, XPrint J3, XPrint J5, Document WorkCenter 150, 200, 250, 300, and 450c, HomeCentre, XJ4C and XJ6C Black Ink Jet Cartridge

**Chemical Name:**
- None

**WHMIS Status:**
- This is not WHMIS controlled product.

**Ingredients (% by wt.)**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water (&gt;75%)</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Black dye (10-15%)</td>
<td>126-33-0</td>
</tr>
<tr>
<td>Sulfolane (5-10%)</td>
<td>56-81-5</td>
</tr>
<tr>
<td>Glycerol (&lt;5%)</td>
<td>Trade Secret1</td>
</tr>
<tr>
<td>Red dye (&lt;5%)</td>
<td>Trade Secret2</td>
</tr>
</tbody>
</table>

**Section II - Emergency and First Aid**

**Primary Route of Entry:**
- Skin: Gastrointestinal symptoms may occur with ingestion of large quantities.
- Eyes: Flush with water.
- Skin: Wash with soap and water
- Inhalation: N.A.
- Ingestion: Dilute stomach contents with several glasses of water.

**Symptoms of Overexposure:**
- Gastrointestinal symptoms may occur with ingestion of large quantities.

**Medical Conditions Generally Aggravated by Exposure:**
- None when used as described by product literature.

**Additional Information:**
- None

**Section III - Toxicology and Health Information**

The toxicity of this ink has been evaluated by Xerox Corporation. Data presented in this section is based on the test results of the ink, its ingredients, or similar inks.

**Oral LDso:** >5 ml/kg (rats)

**Dermal LDso:** >5 ml/kg (rabbits)

**Inhalation LCso:** N.A.

**Eye Irritation:** Non-irritating (rabbits).

**Skin Sensitization:** Non-sensitizing (guinea pigs, human patch)

**Skin Irritation:** Non-irritating (rabbits, human patch)

**Mutagenicity:** No mutagenicity detected in the Ames, SCE(CHO), and CHO Chromosomal aberration tests for black dye.

**Carcinogens:** None present

**Aquatic LCso:** >1000 mg/l (rainbow trout)

**Additional Information:** Non-teratogenic in rats.

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1 This ingredient is registered under the New Jersey Trade Secret Number: 489 909-5060P CH.
2 This ingredient is registered under the New Jersey Trade Secret Number: 15859800-5008.
3XEL - Xerox Exposure Limit

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

Trade Name: 3002, 3004, 3006, 4003, 4004, XJet 2110, XPrint J3, Xprint J5, Document WorkCenter 150, 200, 250, 300, and 450c, Home Centre, XJ4C, and XJ6C Black Ink Jet Cartridge

MSDS No: F1

Section IV - Physical Data

Appearance/Odor: Black liquid contained in molded plastic/slight
Boiling Point: 90-100 °C
Solubility in Water: Soluble
Evaporation Rate: N.D.
Vapor Density (Air=1): N.D.
Volatile: 80-90 % (Wt.) N.A. % (Vol.)

Softening Range: N.A.
Melting Point: N.A.
Specific Gravity (H₂O=1): ~1
Vapor Pressure (mm Hg): ~20 @ 20 °C
pH: 7 - 10
VOC Content (g/l): <100

Section V - Fire and Explosion Data

Flash Point (Method Used): > 100 °C (closed cup)
Flammable Limits: LEL: N.A., UEL: N.A.
NFPA 704: Health – 0, Fire – 0, Reactivity - 0
Extinguishing Media: N.A.
Special Fire Fighting Procedures: None
Fire and Explosion Hazards: None

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: None
Incompatibility (Materials to Avoid): Acids

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended in Xerox equipment
Eye Protection: Goggles in unusual handling.
Protective Gloves: Water-proof gloves in unusual handling.
Other: None required when used as intended in Xerox equipment

Section VIII - Special Precautions

Handling and Storage: None
Conditions to Avoid: None

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: Wipe off the ink and wash with water.
Waste Disposal Method: No specific waste disposal method required. Dispose of in accordance with federal, state and local regulations.

Section X - Transportation Information

DOT Proper Shipping Name: N.A. (Not Regulated)
Hazard Classification: N. A.
ID Number: N. A.
Packing Group: N. A.