Material Safety Data Sheet

Manufacturer: Xerox Corporation
Rochester, N.Y. 14644

Telephone #: Safety Information: (800) 828-6571
Health Emergency: (716)422-2177
Transportation Emergency (Chemtrec): (800) 424-9300

Section I - Product Identification

Trade Names/Synonyms: 4003/4004 Black Ink-Jet Ink Cartridge
Part No.: 8R4005, 8R4018, 8R4029
8R4030, 8R4046, 8R4045,
8R4055, 8R4075

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product.

Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
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<tbody>
<tr>
<td>Water (&gt;72%)</td>
<td>7732-18-5</td>
</tr>
<tr>
<td>Ethylene glycol (20%)</td>
<td>107-21-1</td>
</tr>
<tr>
<td>Black dye (&lt;4%)</td>
<td>Trade Secret</td>
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<tr>
<td>Isopropanol (&lt;4%)</td>
<td>67-63-0</td>
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Section II - Emergency and First Aid

Primary Route of Entry:
Skin: Flush with water.
Eyes: Wash with water.

Inhalation: Not applicable

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

This material has been evaluated by Xerox Corporation

Oral LD₅₀: >5 ml/kg (rats) practically non-toxic.³
Dermal LD₅₀: None available
Inhalation LC₅₀: None available
Eye Irritation: Not an irritant (rabbits).³
Skin Sensitization: Not a sensitizer (guinea pigs).³
Skin Irritation: Not an irritant (rabbits).³
Human Patch: Non-irritating, non-sensitizing.³
Mutagenicity: No mutagenicity detected in the Ames (ink or dye), and negative SCE (CHO), and CHO Chromosomal aberration tests for black dye.
Carcinogens: None present
Aquatic LC₅₀: None available

Additional Information: Non-teratogenic in rats.³

¹These ingredients are considered toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372. New Jersey Trade Secret Registration Numbers: ²New Jersey Trade Secret Registration (NJTSR): 489 909-5060P CH. All ink ingredients are listed on TSCA, EINECS, DSL, and AICS, and they do not appear on the California Proposition 65 list. ³Based on results of tests conducted on similar materials. ⁴XEL-Xerox Exposure Limit
N.A. - Not Applicable  N.E. -None Established  N.D. -Not Determined
Section IV - Physical Data

Appearance/Odor: Black liquid/slight odor  Softening Range: N.A.
Boiling Point: <100°C  Melting Point: -2°C
Solubility in Water: Soluble  Specific Gravity (H₂O=1): 1.03
Evaporation Rate: None available  Vapor Pressure (mm Hg): 20
Vapor Density (Air=1): None available  pH: 7-8
Volatile: 84.5% (Wt.)  N.A. % (Vol.)

Section V - Fire and Explosion Data

Flash Point (Method Used): >100°C (open cup)
Flammable Limits: LEL: N.A., UEL: N.A.
NFPA 704: N.D.
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)  ID Number: N.A.
Hazard Classification: N.A.  Packing Group: N.A.