Section I - Product Identification

Trade Names/Synonyms: ECP-Process Black Toner Premix for ECP 42
Chemical Name: None
WHMIS status: Class B/Div 3, Combustible liquid and Class D/Div 2B, Toxic

Ingredients % by wt.\(^{1,2}\)
- Isoparaffinic hydrocarbon solvent (>98%)
- Polymer
- Pigment

CAS No.
- 64742-48-9
- Trade Secret \(^3\)
- Trade Secret \(^3\)

Section II - Emergency and First Aid

Primary Route of Entry:
- Inhalation
- Eyes:
- Skin:

Inhalation:
Remove from exposure

Ingestion:
DO NOT induce vomiting, call a physmm immediately

Symptoms of Overexposure:
- 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 fatality

Medical Conditions Generally Aggravated by Exposure:
Skin contact may aggravate an existing dermatitis

Additional Information:
None

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\(_{50}\): >32 g/kg (rabbit) practically non-toxic
Inhalation LC\(_{50}\): >2000 ppm/4 hr (rat), >1800 ppm/6 hr (monkey) practically non-toxic

Eye Irritation:
May cause irritation

Skin Sensitization:
Not a sensitizer

Skin Irritation:
Not an irritant

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

Mutagenicity:
No mutagenicity detected in Ames, Pol A+/A-, WP2, Mouse Lymphoma, In Vitro Sister Chromatid Exchange, Dominant Lethal and Micronucleus Assays

Carcinogens:
None present

Aquatic LC\(_{50}\):
None available

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
- Rat inhalation at 900 ppm not fetotoxic or teratogenic

\(^1\)The product does not contain 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. Its ingredients do not appear on the California Proposition 65 List. \(^2\)All ingredients contained within this product are listed on the Canadian Domestic Substances List (DSL). \(^3\)These ingredients are claimed as a trade secret by a Xerox supplier. They are registered in the following states under the respective trade secret numbers: Massachusetts, 99-125-001; New Jersey, 800814-5000, 800814-5001, 800814-5002, 800814-5003; and New York, 218. They are not considered Hazardous as defined by WHMIS and a Trade Secret Exemption is not required for Canada. \(^4\)XEL-Xerox Exposure Limit
Section IV Physical Data

**Appearance/Odor:** Black liquid/slight odor  
**Softening Range:** N/A

**Boiling Point:** 160°-180°C  
**Melting Point:** N/A

**Solubility in Water:** Immiscible  
**Specific Gravity (H₂O=1):** 0.77

**Evaporation Rate:** 0.3 (n-Butylacetate = 1)  
**Vapor Pressure (mm Hg):** @20°C 1

**Vapor Density (Air=1):** 5.0  
**pH:** N/A

**Volatile:** NA  
**Volatile Organics:** voc 730 g/l

Section V Fire and Explosion Data

**Flash Point (Method Used):** 102°-107°F (39.4°C)  
**Flammable Limits:** LEL 0.8%, UEL 7.0%

**NFPA 704:** Health 1, Fire 2, Reactivity 0

**Extinguishing Media:** Foam, dry chemical, CO₂, water fog

**Special Fire Fighting Procedures:** Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes

**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 such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite

Section VII Special Protection Information

**Respiratory Protection:** None, when used as intended with Xerox Engineering Systems products

**Eye Protection:** None, when used as intended with Xerox Engineering Systems products

**Protective Gloves:** Neoprene or nitrile gloves for prolonged or repeated skin contact

**Other:** None, when used as intended with Xerox Engineering Systems products

Section VIII Special Precautions

**Handling and Storage:** Keep container closed. Avoid handling near heat, strong light, sparks, oxygen flames, strong oxidants

**Conditions to Avoid:** Avoid breathing vapors. Avoid prolonged or repeated skin contact

Section IX - Spill, Leak, and Disposal Procedures

**For Spills or Leakage:** Remove ignition sources. Recover free liquid using an absorbent material (vermiculite, fire retardant, sawdust, etc.)

**Waste Disposal Method:** The waste toner may be classified as an ignitable hazardous waste under federal and/or state regulations and 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>D.O.T</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>ID #</th>
<th>Packing Group</th>
<th>Exception may apply</th>
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<tbody>
<tr>
<td>Hydrocarbons, liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
<td>UN 3295</td>
<td>III</td>
<td>Reclassification: 49 CFR, 173.150 (f) Limited Quantity: 49 CFR, 173.150 (b) Consumer Commodities, ORM-D: 49 CFR, 173.150 (c)</td>
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<tr>
<td>I.A.T.A Hydrocarbons, liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
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<td>UN 3295</td>
<td>III</td>
<td>Y309</td>
<td></td>
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<tr>
<td>I.M.O Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>3</td>
<td>UN 1993</td>
<td>III</td>
<td>N.D.</td>
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