SECTION 1: Product and company identification

Product Identifier

Product name  Canon FINE Cartridge CL-241XL
Product Code(s)  5208B
Use  Ink for Ink Jet Printer

Details of the supplier of the safety data sheet

Supplier
Canon USA, Inc.
One Canon Park, Melville, NY 11747, USA
Phone number: 1-800-OK-CANON
Emergency phone number: 24 Hr. Emergency CHEMTREC # 1-800-424-9300

Canon Canada Inc.
8000 Mississauga Road, Brampton, Ontario L6Y 5Z7, Canada
Phone number: (1) 905-863-8000
Emergency phone number: 24 Hr. Emergency CHEMTREC # 1-800-424-9300

Manufacturer
Canon Inc.
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

SECTION 2: Hazards identification

Emergency Overview
A three-color ink cartridge. (Cyan, Magenta and Yellow)
All the ink is liquid mixture with slight odor.

Classification under FHSA
Not classified

US Label Elements under FHSA

Symbol
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary statements
Not required

Other Information
None

Other hazards which do not result in classification
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Copper compound</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60 - 80</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

Description of first aid measures

Inhalation Move to fresh air. Get medical attention immediately if symptoms occur.

Ingestion Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.

Skin Contact Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.

Eye Contact Flush with plenty of water. Get medical attention immediately if symptoms occur.

Most important symptoms and effects, both acute and delayed

Inhalation None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

Ingestion None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin Contact None under normal use.

Eye Contact None under normal use. May cause slight irritation.

Chronic Effects None under normal use.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Use CO₂, water, dry chemical, or foam.

Unsuitable extinguishing media None

Special hazards arising from the substance or mixture

Special Hazard None

Hazardous combustion products Carbon dioxide (CO₂), Carbon monoxide (CO)
Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing.

Environmental Precautions
Keep out of waterways.

Methods and material for containment and cleaning up
Wipe up with adsorbent material (e.g. cloth, fleece).

Other Information
None

SECTION 7: Handling and storage

Precautions for safe handling
Avoid contact with skin, eyes and clothing. Clean contaminated surface thoroughly. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities
Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from direct sunlight. Keep away from heat and sources of ignition.

SECTION 8: Exposure controls/personal protection

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>TWA: 15 mg/m³ mist, total particulate TWA: 5 mg/m³ mist, respirable fraction</td>
<td>None</td>
</tr>
</tbody>
</table>

Appropriate engineering controls
None under normal use conditions.

Individual protection measures, such as personal protective equipment
Eye/face Protection: Not required under normal use.
Skin Protection: Not required under normal use.
Respiratory Protection: Not required under normal use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties
Appearance: Cyan, Magenta, Yellow ; Liquid
Odor: Slight odor
Odor threshold: No data available
pH: 6 - 9


Evaporation Rate  
No data available

Flammability (solid, gas)  
Not Applicable

Flammability Limits in Air

Upper Flammability Limit  
None; estimated

Lower Flammability Limit  
None; estimated

Vapor pressure  
No data available

Vapor density  
No data available

Relative density  
1.0 - 1.1

Solubility(ies)  
Water; miscible

Partition coefficient: n-octanol/water  
No data available

Autoignition Temperature (°C)  
None; estimated

Decomposition Temperature (°C)  
No data available

Viscosity (mPa s)  
1 - 5

Other Information  
No data available

SECTION 10: Stability and reactivity

Reactivity  
None

Chemical stability  
Stable

Possibility of Hazardous Reactions  
None

Conditions to Avoid  
None

Incompatible materials  
Acids, Bases, Oxidizing agents, Reducing agents.

Hazardous Decomposition Products  
Carbon dioxide (CO₂), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information

Information on toxicological effects  

Acute toxicity  
No data available

Skin corrosion/irritation  
All colors: Non-irritant (OECD Guideline)

Serious eye damage/eye irritation  
All colors: Mild irritant (OECD Guideline)

Sensitization  
All colors: Non-sensitizer (OECD Guideline)
### Germ cell mutagenicity
- Ames test:
- All colors: Negative

### Carcinogenicity
- No data available

### Reproductive Toxicity
- No data available

### STOT - single exposure
- No data available

### STOT - repeated exposure
- No data available

### Aspiration hazard
- No data available

### Other Information
- No data available

#### SECTION 12: Ecological information

**Toxicity**

**Ecotoxicity effects**
- Cyan and Yellow:
  - No data available
- Magenta:
  - Fish, 96h LC50 > 100 mg/L (Estimate) (OECD Guideline)
  - Crustaceans, 48h EC50 > 100 mg/L (Estimate) (OECD Guideline)
  - Algae, EC50 (0-7day) > 100 mg/L, NOEC = 100 mg/L (Estimate) (OECD Guideline)
  - NOEC: No Observed Effect Concentration

**Persistence and degradability**
- No data available

**Bioaccumulative potential**
- No data available

**Mobility in soil**
- No data available

**Other adverse effects**
- No data available

#### SECTION 13: Disposal considerations

**Waste treatment methods**
- Dispose of in accordance with local regulations.

#### SECTION 14: Transport information

**UN number**
- None

**UN Proper Shipping Name**
- None

**Transport Hazard Class**
- None

**Packing Group**
- None
SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA Sec. 4,5,6,7,8,12b</td>
<td>None</td>
</tr>
<tr>
<td>SARA Title III Sec. 313</td>
<td>“Copper Compounds”: 5 - 10 Weight % (as Cu: &lt; 0.35 Weight %)</td>
</tr>
<tr>
<td>California Proposition 65</td>
<td>None</td>
</tr>
<tr>
<td>CEPA Sec. 81</td>
<td>None (Manufactured Item)</td>
</tr>
<tr>
<td>HPA (WHMIS)</td>
<td>None (Manufactured Article)</td>
</tr>
<tr>
<td>Other Information</td>
<td>None</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Key literature references and sources for data
- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Environmental Protection Agency, 40CFR Part 700-799
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- California EPA, Code of Regulations Title 27, Division 4, Chapter 1, Safe Drinking Water and Toxic Enforcement Act of 1986
- Environment Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Controlled Products Regulations
- Canada Workplace Hazardous Materials Information System

Key or legend to abbreviations and acronyms used in the safety data sheet
- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- TSCA: Toxic Substances Control Act
- SARA Title III: SARA Title III of the Superfund Amendments and Reauthorization Act of 1986
- Proposition 65: Safe Drinking Water and Toxic Enforcement Act of 1986
- CEPA: Canadian Environmental Protection Act, 1999
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- CBI: Confidential Business Information

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