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**SECTION 1: Product and company identification****Product Identifier**

**Product name** Canon FINE Cartridge PG-210XL

**Product Code(s)** 2973B

**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.  
6390 Dixie Road, Mississauga, Ontario L5T 1P7, Canada  
Phone number : (1) 905-795-1111  
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**

Ink cartridge containing black liquid ink 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**

None

### SECTION 3: Composition/information on ingredients

| Chemical name | CAS-No    | Weight % |
|---------------|-----------|----------|
| Glycerin      | 56-81-5   | 5 - 10   |
| Glycol        | CBI       | 5 - 10   |
| Lactam        | CBI       | 5 - 10   |
| Water         | 7732-18-5 | 60 - 80  |

### SECTION 4: First aid measures

#### Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Move to fresh air. Get medical attention immediately if symptoms occur.                                  |
| <b>Ingestion</b>    | Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.         |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur. |
| <b>Eye Contact</b>  | Flush with plenty of water. Get medical attention immediately if symptoms occur.                         |

#### Most important symptoms and effects, both acute and delayed

|                        |  |
|------------------------|--|
| <b>Inhalation</b>      | None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing. |
| <b>Ingestion</b>       | None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                               |
| <b>Skin Contact</b>    | None under normal use.   |
| <b>Eye Contact</b>     | None under normal use. May cause slight irritation.  |
| <b>Chronic Effects</b> | 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 CO<sub>2</sub>, dry chemical, or foam, Water.

##### **Unsuitable extinguishing media**

None

#### Special hazards arising from the substance or mixture

##### **Special Hazard**

None

##### **Hazardous combustion products**

Carbon dioxide (CO<sub>2</sub>), 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**

| Chemical name       | OSHA PEL  | ACGIH TLV                      |
|---------------------|---|--------------------------------|
| Glycerin<br>56-81-5 | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction | TWA: 10 mg/m <sup>3</sup> mist |

**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** Black ; Liquid  
**Odor** Slight odor  
**Odor threshold** No data available

|  |                                |
|--|--------------------------------|
| pH                                     | 7 - 8                          |
| Melting/Freezing point (°C)            | No data available              |
| Boiling Point/Range (°C)               | No data available              |
| Flash Point (°C)                       | None; estimated                |
| Evaporation Rate                       | No data available              |
| Flammability (solid, gas)              | Not flammable; Not combustible |
| 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 (CO<sub>2</sub>), Carbon monoxide (CO), and/or Ammonia.

**SECTION 11: Toxicological information**

**Information on toxicological effects**

|  |  |
|--|--|
| <b>Acute toxicity</b>                    | No data available                            |
| <b>Skin corrosion/irritation</b>         | Non-irritant (Estimate) (OECD Guideline)     |
| <b>Serious eye damage/eye irritation</b> | Minimal irritant (Estimate) (OECD Guideline) |
| <b>Sensitization</b>                     | Non-sensitizer (Estimate) (OECD Guideline)   |

|                                 |                     |
|---------------------------------|---------------------|
| <b>Germ cell mutagenicity</b>   | Ames test: Negative |
| <b>Carcinogenicity</b>          | No data available   |
| <b>Reproductive Toxicity</b>    | No data available   |
| <b>STOT - single exposure</b>   | No data available   |
| <b>STOT - repeated exposure</b> | No data available   |
| <b>Aspiration hazard</b>        | No data available   |
| <b>Other Information</b>        | No data available   |

## SECTION 12: Ecological information

### Toxicity

#### **Ecotoxicity effects**

Fish, 96h LC50 > 100 mg/L (OECD Guideline)

Crustaceans, 48h EC50 > 100 mg/L (OECD Guideline)

Algae, EC50 > 100 mg/L, NOEC > 100 mg/L (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

|                                       |  |
|---------------------------------------|--|
| <b><u>UN number</u></b>               | None   |
| <b><u>UN Proper Shipping Name</u></b> | None   |
| <b><u>Transport Hazard Class</u></b>  | None   |
| <b><u>Packing Group</u></b>           | None   |
| <b><u>Environmental Hazards</u></b>   | No special environmental precautions required. |

|   |                |
|---|----------------|
| <u>Special Precautions for users</u>  | None           |
| <u>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</u> | Not Applicable |

## SECTION 15: Regulatory information

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

|                                  |                             |
|----------------------------------|-----------------------------|
| <b>TSCA Sec. 4,5,6,7,8,12b</b>   | None                        |
| <b>SARA Title III Sec. 313</b>   | None                        |
| <b>California Proposition 65</b> | None                        |
| <b>CEPA Sec. 81</b>              | None (Manufactured Item)    |
| <b>HPA (WHMIS)</b>               | None (Manufactured Article) |
| <b>Other Information</b>         | None                        |

## 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
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- 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
- IARC: International Agency for Research on Cancer
- 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
- 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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| <b>Revision Note</b>   | Entirely revised |

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