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Version : 04

## SECTION 1: Product and company identification

### Product identifier

**Product name** Canon Ink Tank PFI-304B

**Product code(s)** 3857B

**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

Ink tank containing violet liquid ink with slight odor.  
Lactam may damage fertility or the unborn child.

### Classification under OSHA HCS

Reproductive toxicity Category 1B: Presumed human reproductive toxicant.

### US Label elements under OSHA HCS

#### **Symbol**



#### **Signal word**

Danger

#### **Hazard statements**

May damage fertility or the unborn child.

**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   |
| Glycol                    | CBI       | 1 - 5    |
| Lactam                    | CBI       | 1 - 5    |
| Polyethylene glycol ether | CBI       | 1 - 5    |
| Water                     | 7732-18-5 | 60 - 80  |

Part of the specific chemical identity and/or percentage of composition is being withheld as a trade secret under 29CFR§1910.1200 (i).  
In case the information is necessary, please request based on the standard.

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

**Advice for firefighters**

**Special protective equipment for firefighters**

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 | None      |

**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  
Respiratory protection

Not required under normal use.  
Not required under normal use.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Appearance                             | Violet ; Liquid                        |
| Odor                                   | Slight odor                            |
| Odor threshold                         | No data available                      |
| pH                                     | 9 - 10                                 |
| Melting/freezing point (°C)            | No data available                      |
| Boiling point/range (°C)               | No data available                      |
| Flash point (°C)                       | > 93.0°C (Tag. Closed Cup.); estimated |
| 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                      |
| Auto-ignition 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

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**Information on toxicological effects**

|                                   |                                                                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity                    | No data available                                                                                                                                                  |
| Skin corrosion/irritation         | Non-irritant (Estimate) (OECD Guideline)                                                                                                                           |
| Serious eye damage/eye irritation | Minimal irritant (Estimate) (OECD Guideline)                                                                                                                       |
| Sensitization                     | Non-sensitizer (Estimate) (OECD Guideline)                                                                                                                         |
| Germ cell mutagenicity            | Ames test: Negative                                                                                                                                                |
| Carcinogenicity                   | No data available                                                                                                                                                  |
| Reproductive toxicity             | Lactam is classified as a Category 1B (GHS) developmental toxicant.<br>However, the amount of exposure to lactam is negligible under intended use of this product. |
| 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**  
No data available

**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

|                                                                           |                                                                                                              |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Transport hazard class</b>                                             | None                                                                                                         |
| <b>Packing group</b>                                                      | None                                                                                                         |
| <b>Environmental hazards</b>                                              | Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code. |
| <b>Special precautions for users</b>                                      | IATA: Not regulated                                                                                          |
| <b>Transport in bulk according to Annex II of MARPOL and the IBC Code</b> | 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 and Climate Change Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Hazardous 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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Revision note SECTION 2, 3, and 11 revised

**Disclaimer**

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