

SECTION 1: Product and company identification**Product identifier****Product name** Canon Ink Tank PFI-5100< PBK >**Product code(s)** 6952C**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 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 %
Glycol	CBI	10 - 15
Glycerin	56-81-5	5 - 10
Carbon black	1333-86-4	1 - 5
Water	7732-18-5	60 - 80

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.

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 productsCarbon dioxide (CO₂), 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 56-81-5	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction	None
Carbon black 1333-86-4	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³ inhalable particulate matter

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**

Physical state	Liquid
Color	Black
Odor	Slight odor
Melting/freezing point (°C)	No data available
Boiling point or initial boiling point and boiling range (°C)	No data available
Flammability	None

Lower and upper explosion limit	None
Flash point (°C)	> 93.0°C (Tag. Closed Cup.)
Auto-ignition temperature (°C)	None
Decomposition temperature (°C)	No data available
pH	8 - 10
Kinematic viscosity (mm ² /s)	1 - 5
Solubility	Water; miscible
Partition coefficient n-octanol/water (log value)	Not applicable
Vapor pressure	No data available
Density and/or relative density	1.0 - 1.1
Relative vapor density	No data available
Particle characteristics	Not applicable

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 productsCarbon dioxide (CO₂), Carbon monoxide (CO), and/or Ammonia.**SECTION 11: Toxicological information****Information on toxicological effects**

Acute toxicity	No data available
Skin corrosion/irritation	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Serious eye damage/eye irritation	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Sensitization	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	The IARC evaluated carbon black, as a Group 2B carcinogen, for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposure to powdered carbon black at

levels that induce particle overload of the lung.
However, the amount of inhalation exposure to powdered carbon black is negligible under intended use of this product.

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
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

<u>UN number</u>	None
<u>UN proper shipping name</u>	None
<u>Transport hazard class</u>	None
<u>Packing group</u>	None
<u>Environmental hazards</u>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<u>Special precautions for users</u>	IATA: Not regulated
<u>Transport in bulk according to Annex II of</u>	

MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

TSCA Sec. 4,5,6,7,8,12b

This product contains substance(s) which are subject to TSCA Section 5(e) Consent Order and Section 5(a)(2) Significant New Use Rule. According to this order, do not use this product other than as inkjet printer ink. Also, do not release this product into the waters of United State. (See SECTION 13)

This product is subject to TSCA Section 12(b) export notification requirements. If you need more information about TSCA Section 12(b), please contact us.

SARA Title III Sec. 313
California Proposition 65
CEPA Sec. 81
HPA (WHMIS)
Other information

None
None
None
None
None

SECTION 16: Other information

The data in SECTION 9, 11 and 12 of this SDS are based on the test results of this product, or estimates based on the data of similar product or the ingredients of this product.

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

None

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.