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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product Identifier**

**Product name** Canon Ink Tank PFI-8110 BK  
**Product Code(s)** 2379C  
**Use** Ink for Ink Jet Printer

**Details of the supplier of the safety data sheet****Supplier**

Canon Singapore Pte. Ltd.  
1 Fusionopolis Place, #15-10 Galaxis, Singapore 138522  
Email : cspl\_msds@canon.com.sg  
Phone number : (65) 6799-8888

Canon India Pvt. Ltd.  
7th Floor, Tower B, DLF Epite, DLF Phase-3, Gurgaon-122002 Haryana, India  
Phone number : (91) 124-416-0000  
Emergency phone number : (91) 124-416-0180

Canon (China) Co. Ltd  
2F., Jinbao Building No.89 Jinbao Street, Dongcheng District, Beijing, 100005, P.R.China

Canon Korea Business Solutions INC.  
607 Teheran-ro, Gangnam-gu, Korea  
Email : webmaster@canon-bs.co.kr  
Phone number : (82) 1588-2500

**Manufacturer**

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

**SECTION 2: Hazards identification****Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**  
Not classified

**Label Elements**

**Labelling according to Regulation (EC) No 1272/2008**

**Hazard pictograms**  
Not required

**Signal word**  
Not required

**Hazard statements**  
Not required

**Precautionary statements**  
Not required

**Other Information**

Contains 1,2-benzisothiazol-3(2H)-one.

May produce an allergic reaction.

Contains less than 30% of components with unknown hazards to the aquatic environment.

**Other hazards which do not result in classification**

None

### SECTION 3: Composition/information on ingredients

**Mixtures**

Chemical name	CAS-No	EC-No	Weight %	Classification (Reg. 1272/2008)	Note to Other Hazards
Glycerin	56-81-5	200-289-5	5 - 10	None	
Lactam	CBI	CBI	5 - 10	Eye Irrit. 2 (H319)	
Glycol	CBI	CBI	5 - 10	None	
Carbon black	1333-86-4	215-609-9	5 - 10	None	
Water	7732-18-5	231-791-2	60 - 80	None	

Full texts of Hazard statement(s) are listed in SECTION 16

Note to Other Hazards : The following substance(s) is (are) marked with (1), (2) and/or (3)

- (1) Substance for which EU Occupational Exposure Limit(s) is (are) established (See SECTION 8)
- (2) PBT substance or vPvB substance under Regulation (EC) No 1907/2006
- (3) Substance listed in Candidate List of SVHC for Authorisation under Regulation (EC) No 1907/2006

### 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 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.

### Specific end uses

Ink for Ink Jet Printer. Obtain special instructions before use.

## SECTION 8: Exposure controls/personal protection

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**Control parameters**

**Exposure Limits**

Chemical name	EU OEL	Australia OEL	OSHA PEL	ACGIH TLV
Glycerin 56-81-5	None	TWA: 10 mg/m <sup>3</sup> inhalable dust, mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	None
Carbon black 1333-86-4	None	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup> inhalable fraction

**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.  
**Thermal hazards** Not Applicable

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Appearance</b>	Black ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	8 - 9
<b>Melting/Freezing point (°C)</b>	No data available
<b>Boiling Point/Range (°C)</b>	No data available
<b>Flash Point (°C)</b>	> 93.0°C (Tag. Closed Cup.); estimated
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	None; estimated
<b>Lower Flammability Limit</b>	None; estimated
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.0 - 1.1
<b>Solubility(ies)</b>	Water; miscible
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition Temperature (°C)</b>	None; estimated
<b>Decomposition Temperature (°C)</b>	No data available
<b>Viscosity (mPa s)</b>	1 - 5
<b>Explosive properties</b>	None; estimated
<b>Oxidizing properties</b>	None; estimated

**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>	Not classified based on the classification criteria under UN GHS (OECD Guideline)
<b>Serious eye damage/eye irritation</b>	Not classified based on the classification criteria under UN GHS (OECD Guideline)
<b>Sensitization</b>	Not classified based on the classification criteria under UN GHS (OECD Guideline)
<b>Germ cell mutagenicity</b>	Ames test: Negative
<b>Carcinogenicity</b>	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.
<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**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).  
 This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**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>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<b><u>Special Precautions for users</u></b>	IATA: Not regulated
<b><u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u></b>	Not Applicable

**SECTION 15: Regulatory information**

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

<b>(EC) No 1907/2006 Authorisation</b>	Not regulated
<b>(EC) No 1907/2006 Restriction</b>	Not regulated
<b>(EC) No 1005/2009</b>	Not regulated
<b>(EC) No 850/2004</b>	Not regulated
<b>(EU) No 649/2012</b>	Not regulated
<b>Australia Information</b>	Not classified as hazardous according to criteria of Work Health and Safety Regulations 2011.
<b>Other Information</b>	None

**SECTION 16: Other information**

**Full text of H-Statements referred to under sections 2 and 3**

H319 - Causes serious eye irritation

**Key literature references and sources for data**

- U.S. Department of Labor, 29CFR Part 1910
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012
- Safe Work Australia, Model Work Health and Safety Act 2011 and Model Work Health and Safety Regulations 2011

**Key or legend to abbreviations and acronyms used in the safety data sheet**

- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- EU OEL: Occupational exposure limits at Union level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- 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
- CBI: Confidential Business Information

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