SECTION 1: Product and company identification

Product identifier

Product name Canon Ink Tank PFI-701BK
Product code(s) 0900B
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.
Urea compound may cause damage to thyroid gland through prolonged or repeated exposure.

Classification under OSHA HCS
Specific target organ toxicity (repeated exposure) Category 2

US Label elements under OSHA HCS

Symbol

Signal word
Warning

Hazard statements
May cause damage to thyroid gland through prolonged or repeated exposure.

Precautionary statements
Not required
Other information

None

Other hazards which do not result in classification

None

### 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>Glycerin</td>
<td>56-81-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Urea compound</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>111-46-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60 - 80</td>
</tr>
</tbody>
</table>

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**

**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 products**
Carbon dioxide (CO$_2$), Carbon monoxide (CO)

**Advice for firefighters**

**Special protective equipment for firefighters**
None

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### 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

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### 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 56-81-5</td>
<td>TWA: 15 mg/m$^3$ mist, total particulate</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>TWA: 5 mg/m$^3$ mist, respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Carbon black 1333-86-4</td>
<td>TWA: 3.5 mg/m$^3$</td>
<td>TWA: 3 mg/m$^3$ inhalable particulate matter</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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Black ; Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>8 - 9</td>
</tr>
<tr>
<td>Melting/freezing point (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point/range (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>&gt; 93.0°C (Tag. Closed Cup.)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability limits in air</td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>None</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>None</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.0 - 1.1</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Water; miscible</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature (°C)</td>
<td>None</td>
</tr>
<tr>
<td>Decomposition temperature (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity (mPa s)</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

**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: Moderate irritant (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
UN number  
None

UN proper shipping name  
None

Transport hazard class  
None

Packing group  
None

Environmental hazards  
Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.

Special precautions for users  
IATA: Not regulated

Transport in bulk according to Annex II of 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  
None

SARA Title III Sec. 313  
None

California Proposition 65  
None

CEPA Sec. 81  
None (Manufactured Item)

HPA (WHMIS)  
None (Manufactured Article)

Other information  
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
- 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
Disclaimer
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