SECTION 1: Product and company identification

Product Identifier

Product name: Canon Ink Tank PFI-703BK
Product Code(s): 2963B
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.
Ethylene glycol may cause damage to kidney through prolonged or repeated exposure.
Urea compound may cause damage to thyroid gland through prolonged or repeated exposure.

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

US Label Elements under OSHA HCS

Symbol

Signal word
Warning

Hazard statements
May cause damage to kidney and 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>Ethylene glycol</td>
<td>107-21-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Urea compound</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Substituted naphthalene sulfonic acid</td>
<td>CBI</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.

Chronic Effects 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 CO₂, water, dry chemical, or foam.
**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**

<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/m³ mist, total particulate TWA: 5 mg/m³ mist, respirable fraction</td>
<td>None</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>None</td>
<td>TWA: 25 ppm vapor fraction STEL: 50 ppm vapor fraction STEL: 10 mg/m³ inhalable particulate matter, aerosol only</td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**
None under normal use conditions.
Individual protection measures, such as personal protective equipment

<table>
<thead>
<tr>
<th>Protection</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face Protection</td>
<td>Not required</td>
</tr>
<tr>
<td>Skin Protection</td>
<td>Not required</td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>Not required</td>
</tr>
</tbody>
</table>

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 - 11</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.); estimated</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; estimated</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>None; estimated</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>Autoignition Temperature (°C)</td>
<td>None; estimated</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 Mild irritant (OECD Guideline)
Serious eye damage/eye irritation Moderate irritant (OECD Guideline)
Sensitization Non-sensitizer (OECD Guideline)
Germ cell mutagenicity Ames test: Negative
Carcinogenicity No data available
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
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 substances which are subject to TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.10107 and 721.10108). Do not use this product other than as inkjet printer ink. This product is subject to TSCA Section 12(b) export notification requirements.

SARA Title III Sec. 313  "Ethylene glycol" (107-21-1) : 5 - 10 Weight %

California Proposition 65  None
CEPA Sec. 81  None (Manufactured Item)
HPA (WHMIS)  None (Manufactured Article)
Other Information  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
- 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
- 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

Issuing date :  20-Jun-2008
Revision date :  17-May-2019
Revision Note  SECTION 2 revised

Disclaimer
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