SECTION 1: Product and company identification

Product identifier

Product name: Canon Ink Tank PFI-105GY
Product code(s): 3009B
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. 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.
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>Glycol</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Glycol</td>
<td>CBI</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Lactam</td>
<td>CBI</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Polyethylene glycol ether</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>

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**

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.
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 (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

<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>
</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

Appearance
Black ; 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 (CO₂), Carbon monoxide (CO), and/or Ammonia.

SECTION 11: Toxicological information
Information on toxicological effects

Acute toxicity
No data available

Skin corrosion/irritation
Non-irritant (Estimate) (OECD Guideline)

Serious eye damage/eye irritation
Mild 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. 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
SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA Sec. 4,5,6,7,8,12b</td>
<td>None</td>
</tr>
<tr>
<td>SARA Title III Sec. 313</td>
<td>None</td>
</tr>
<tr>
<td>California Proposition 65</td>
<td>None</td>
</tr>
<tr>
<td>CEPA Sec. 81</td>
<td>None (Manufactured Item)</td>
</tr>
<tr>
<td>HPA (WHMIS)</td>
<td>None (Manufactured Article)</td>
</tr>
<tr>
<td>Other information</td>
<td>None</td>
</tr>
</tbody>
</table>

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 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

Issuing date: 12-Jun-2009
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