SECTION 1  IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Canon Ink Tank PFI-704C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code:</td>
<td>3862B</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>Canon Inc., 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, Ph# 03-3758-2111</td>
</tr>
<tr>
<td>Supplier:</td>
<td>Canon U.S.A., Inc., One Canon Park, Melville, NY 11747, USA</td>
</tr>
<tr>
<td>Phone #:</td>
<td>1-800-OK-CANON 24 Hr. Emergency CHEMTREC # 1-800-424-9300</td>
</tr>
</tbody>
</table>

SECTION 2  HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>EU Classification:</th>
<th>Not classified as dangerous.</th>
</tr>
</thead>
</table>

Emergency Overview:
Ink tank containing cyan liquid ink with slight odor.
Vapor or mist may cause respiratory tract and eye irritation.

Potential Health Effects and Symptoms:

Inhalation:
No adverse effects are expected under intended use.
Over exposure to vapor or mist may cause respiratory tract irritation, cough, dizziness, drowsiness, headache and nausea.

Ingestion:
May cause abdominal pain, diarrhea, dizziness, drowsiness, dullness, headache, nausea and vomiting.

Eye:
May cause minimal irritation. (See SECTION 11)

Skin:
May cause mild irritation and no sensitization. (See SECTION 11)

Chronic Effects:
Not identified

Medical Conditions Generally known to be Aggravated by Exposure:
Not identified
### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name / Generic Name</th>
<th>CAS # / EC #</th>
<th>Weight %</th>
<th>EU Symbol / R-Phrase</th>
<th>USA OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EU ILV</th>
<th>DFG MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>56-81-5 / 200-289-5</td>
<td>5 - 10</td>
<td>None / None (as mist)</td>
<td>TWA = 15 mg/m³ Total dust Respirable fraction TWA = 10 mg/m³</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Triethylene glycol</td>
<td>112-27-6 / 203-953-2</td>
<td>1 - 5</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>1000 mg/m³</td>
</tr>
<tr>
<td>Lactam</td>
<td>Confidential</td>
<td>5 - 10</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5 / 231-791-2</td>
<td>60 - 80</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

### < Carcinogen >

No component of this ink is listed as a human carcinogen or a potential carcinogen in IARC Monographs, NTP, OSHA regulations or Part 3 of Annex VI to Regulation (EC) No 1272/2008.

### < PBT substance and vPvB substance >

No component of this ink is a PBT or vPvB substance under Regulation (EC) No 1907/2006.
SECTION 4 FIRST AID MEASURES

First Aid Measures:

Inhalation:
If symptoms are experienced, move victim to fresh air and obtain medical advice.

Ingestion:
Rinse mouth. Give one or two glasses of water.
If irritation or discomfort occurs, obtain medical advice immediately.

Eye:
Immediately flush with lukewarm, gently flowing water for 5 minutes or until the chemical is removed.
If irritation persists, obtain medical advice immediately.

Skin:
Wash with water and soap or mild detergent.
If irritation persists, obtain medical advice.

Note to Physicians:
None

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media:
CO₂, water, foam or dry chemicals

Unsuitable Extinguishing Media:
None

Special Fire Fighting Procedures:
None

Unusual Fire and Explosion Hazards:
None

Fire and Explosive Properties (See also SECTION 9):

Hazardous Combustion Products:
CO, CO₂, SiO₂, NOₓ and SOₓ

Other Properties:
None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:
Avoid contact with skin, eyes and clothing.
Avoid breathing vapor and mist.

Environmental Precautions:
Do not release to sewer, surface water or ground water.

Method for Cleaning Up:
Wipe off with wet cloth or paper.

SECTION 7 HANDLING AND STORAGE

Handling:
Avoid breathing vapor and mist.
Use with adequate ventilation.
Avoid contact with skin, eyes and clothing. In case of contact, wash out the contaminated area immediately.

Storage:
Keep in a cool and dry place.
Protect from sunlight.
Keep out of the reach of children.

Specific Uses:
Ink for Ink Jet Printer.
For more information, please refer to the instruction of this product.
SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Guidelines:</th>
<th>Not established for this ink. (See also SECTION 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Controls:</td>
<td>Use adequate ventilation.</td>
</tr>
<tr>
<td>Personal Protection Equipment(s):</td>
<td></td>
</tr>
<tr>
<td>Respiratory Protection:</td>
<td>Required ☑ Not Required</td>
</tr>
<tr>
<td>Eye/Face Protection:</td>
<td>Required ☑ Not Required</td>
</tr>
<tr>
<td>Skin Protection:</td>
<td>Required ☑ Not Required</td>
</tr>
</tbody>
</table>

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

| Appearance:                   | Cyan liquid                                         |
| Odor:                         | Slight odor                                          |
| pH:                           | 8 - 9                                                |
| Boiling Point/Range(°C):      | Not available                                        |
| Melting Point/Range(°C):      | Not available                                        |
| Decomposition Temperature(°C):| Not available                                        |
| Flash Point(°C):              | None (Estimate)                                     |
| Flammable (Explosive) Limits: | Not available                                        |
| Autoignition Temperature(°C):| Not available                                        |
| Flammability:                 | Neither flammable nor combustible.                  |
| Explosive Properties:         | None (Estimate)                                     |
| Oxidizing Properties:         | None (Estimate)                                     |
| Vapor Pressure:               | Not available                                        |
| Vapor Density:                | Not available                                        |
| Density / Specific Gravity:   | 1.0 - 1.1                                            |
| Water Solubility:             | Miscible                                             |
| Fat Solubility:               | Not available                                        |
| Partition Coefficient (n-Octanol/Water): | Not available                                 |
| Percent Volatile (%):         | 60 - 80                                              |
| Evaporation Rate:             | Not available                                        |
| Viscosity (mPa s):            | 1 - 5                                                |

SECTION 10  STABILITY AND REACTIVITY

| Stability:                    | ☑ Stable ☑ Unstable                                  |
| Conditions to Avoid:          | None                                                 |
| Materials to Avoid:           | Acids, bases, oxidizing materials and reducing agents|
| Hazardous Decomposition Products: | CO, CO₂, SiO₂, NOx and SOx                     |
| Hazardous Polymerization:     | ☑ May Occur ☑ Will Not Occur                        |
| Conditions to Avoid:          | None                                                 |

Date of Issue: June 12, 2009
Revised:
SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation:
Not available

Ingestion:
Not available

Eye:
Minimal irritant (rabbit) (Estimate)

Skin:
Mild irritant (rabbit) (Estimate)

Sensitization:
Non-sensitizer (mouse) (Estimate)

Mutagenicity:
Ames test: Negative (S. typhimurium & E. Coli)

Reproductive Toxicity:
Not available

Carcinogenicity:
Not available

Others:
Not available

Date of Issue: June 12, 2009
Revised:
SECTION 12 ECOLOGICAL INFORMATION

Mobility: Not available

Persistence / Degradability: Not available

Bioaccumulation: Not available

Ecotoxicity: Not available

Other Adverse Effects: Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Method of Disposal:
Disposal should be subject to federal, state and local laws.

SECTION 14 TRANSPORT INFORMATION

UN #: None

UN Shipping Name: None

UN Classification: None

UN Packing Group: None

Marine Pollutant: Yes

Chemical name (wt%): No

Special Precautions: None

SECTION 15 REGULATORY INFORMATION

< EU Information >

Information on the Label:

Symbol & Indication: Not required

R-Phrase: Not required

S-Phrase: Not required

Dangerous Component(s): Not required

Special Precautions under 1999/45/EC Annex V: Not required

Specific Provisions in Relation to Protection of Man or the Environment:

(EC) No 1907/2006 Annex XVII (Restrictions): Not regulated

(EC) No 2037/2000: Not regulated

(EC) No 689/2008: Not regulated

Others: None
Information on the Label under OSHA HCS:

**Signal Word:** Not required

**Hazard warning:**

VAPOR OR MIST MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION.

**Safety Advice:**

Not required

**Hazardous Component(s):**

Not required

**SARA Title III §313:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

**California Proposition 65:**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

< Canada Information >

**WHMIS Controlled Product:** Not applicable (Manufactured article)

< Australia Information >

**Statement of Hazardous Nature:** Not classified as hazardous according to criteria of NOHSC.

### SECTION 16 OTHER INFORMATION

<Term explanation>

Estimate: Estimate based on data of similar ink or the ingredient(s).
Literature References:
- U.S. Department of Labor, 29 CFR Part 1910
- U.S. Environmental Protection Agency, 40 CFR Part 372
- U.S. Consumer Product Safety Commission, 16 CFR 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
- DFG, List of MAK and BAT Values
- Canada Workplace Hazardous Materials Information System

Abbreviations:
- EU: European Union.
- 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.
- DFG MAK: MAK (Maximale Arbeitsplatzz-Konzentration) under Deutsche Forschungsgemeinschaft.
- TWA: Time Weighted Average.
- STEL: Short Term Exposure Limit.
- NTP: National Toxicology Program (USA).
- FHSA: Federal Hazardous Substances Act (USA).
- PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative

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