SECTION 1: Product and company identification

Product Identifier

Product name       Canon BJ Cartridge BC-02
Product Code(s)    0881A
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.
6390 Dixie Road, Mississauga, Ontario L5T 1P7, Canada
Phone number : (1) 905-795-1111
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 cartridge containing black liquid ink with slight odor.

Classification under FHSA
Not classified

US Label Elements under FHSA

Symbol
Not required

Signal word
Not required

Hazard statements
Not required

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>Thiodiglycol</td>
<td>111-48-8</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>67-63-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Ammonia derivative</td>
<td>CBI</td>
<td>5 - 10</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

Suitable extinguishing media
Use CO2, dry chemical, or foam, Water.

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 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.

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</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>TWA: 5 mg/m³ mist, respirable fraction</td>
<td></td>
</tr>
<tr>
<td>Isopropyl alcohol 67-63-0</td>
<td>TWA: 400 ppm</td>
<td>TWA: 200 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 980 mg/m³</td>
<td>STEL: 400 ppm</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>
</tbody>
</table>
pH 7 - 8  
Evaporation Rate No data available
Flammability (solid, gas) Not Applicable
Flammability Limits in Air
  Upper Flammability Limit No data available
  Lower Flammability Limit No data available
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
Autoignition Temperature (°C) No data available
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>LD50 &gt; 5000 mg/kg (Ingestion) (OECD Guideline)</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Mild irritant (OECD Guideline)</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Non-irritant (OECD Guideline)</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Non-sensitizer (OECD Guideline)</td>
</tr>
</tbody>
</table>
Germ cell mutagenicity: Ames test: Negative
Chromosome aberration 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

UN Proper Shipping Name: None

Transport Hazard Class: None

Packing Group: None

Environmental Hazards: No special environmental precautions required.

Special Precautions for users: None

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable
SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Compliance</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 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
- IARC: International Agency for Research on Cancer
- 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
- 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

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Revision Note : Entirely revised

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