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**SECTION 1: Product and company identification****Product Identifier**

**Product name** Canon Ink Tank BCI-3eM  
**Product Code(s)** 4481A  
**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 magenta 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

Chemical name	CAS-No	Weight %
Glycerin	56-81-5	5 - 10
Ammonia derivative	CBI	5 - 10
Ethylene glycol	107-21-1	1 - 5
Diethylene glycol	111-46-6	1 - 5
Isopropyl alcohol	67-63-0	1 - 5
Water	7732-18-5	60 - 80

### 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 CO<sub>2</sub>, 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<sub>2</sub>), 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**

Chemical name	OSHA PEL	ACGIH TLV
Glycerin 56-81-5	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	None
Ethylene glycol 107-21-1	None	TWA: 25 ppm vapor fraction STEL: 50 ppm vapor fraction STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only
Isopropyl alcohol 67-63-0	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm

**Appropriate engineering controls** None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

<b>Eye/face Protection</b>	Not required under normal use.
<b>Skin Protection</b>	Not required under normal use.
<b>Respiratory Protection</b>	Not required under normal use.

## SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance	Magenta ; 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)	55 - 57 (Tag. Closed Cup. Combustion is not sustainable.) (Estimate)
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 (CO<sub>2</sub>), Carbon monoxide (CO), and/or Ammonia.

### SECTION 11: Toxicological information

#### Information on toxicological effects

**Acute toxicity** LD50 > 2500 mg/kg (Ingestion) (Estimate) (OECD Guideline)

<b>Skin corrosion/irritation</b>	Mild irritant (Estimate) (OECD Guideline)
<b>Serious eye damage/eye irritation</b>	Minimal irritant (Estimate) (OECD Guideline)
<b>Sensitization</b>	Non-sensitizer (Estimate) (OECD Guideline)
<b>Germ cell mutagenicity</b>	Ames test: Negative Chromosome aberration test: Negative
<b>Carcinogenicity</b>	No data available
<b>Reproductive Toxicity</b>	No data available
<b>STOT - single exposure</b>	No data available
<b>STOT - repeated exposure</b>	No data available
<b>Aspiration hazard</b>	No data available
<b>Other Information</b>	No data available

## SECTION 12: Ecological information

### Toxicity

#### **Ecotoxicity effects**

Fish, 96h LC50 > 100 mg/L, NOEC = 100 mg/L (Estimate) (OECD Guideline)  
Crustaceans, 48h EC50 > 100 mg/L, NOEC = 100 mg/L (Estimate) (OECD Guideline)  
Algae, ErC50 (0-72h) > 200 mg/L, EbC50 (72h) > 76 mg/L, NOEC = 12.5 mg/L (Estimate) (OECD Guideline)  
NOEC: No Observed Effect Concentration

### 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

<b><u>Transport Hazard Class</u></b>	None
<b><u>Packing Group</u></b>	None
<b><u>Environmental Hazards</u></b>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<b><u>Special Precautions for users</u></b>	IATA: Not regulated
<b><u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u></b>	Not Applicable

## SECTION 15: Regulatory information

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

<b>TSCA Sec. 4,5,6,7,8,12b</b>	None
<b>SARA Title III Sec. 313</b>	"Ethylene glycol" (107-21-1) : 1 - 5 Weight %
<b>California Proposition 65</b>	None
<b>CEPA Sec. 81</b>	None (Manufactured Item)
<b>HPA (WHMIS)</b>	None (Manufactured Article)
<b>Other Information</b>	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
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- California EPA, Code of Regulations Title 27. Division 4. Chapter 1. Safe Drinking Water and Toxic Enforcement Act of 1986
- 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

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**Disclaimer**

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