

Issuing date : 31-Oct-2003  
Revision date : 09-Oct-2019

SDS # : ICW 0506 R - 04 US EN  
Version : 11

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

**Product name** Canon Ink Tank BCI-1431C  
**Product code(s)** 8970A  
**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 cyan liquid ink with slight odor.  
Lactam may damage fertility or the unborn child.  
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**

Reproductive toxicity Category 1B: Presumed human reproductive toxicant.  
Specific target organ toxicity (repeated exposure) Category 2

**US Label elements under OSHA HCS****Symbol**

**Signal word**  
Danger

**Hazard statements**

May damage fertility or the unborn child.  
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**

Chemical name	CAS-No	Weight %
Glycerin	56-81-5	5 - 10
Ethylene glycol	107-21-1	5 - 10
Urea compound	CBI	5 - 10
Lactam	CBI	1 - 5
Water	7732-18-5	60 - 80

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**

<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Flush with plenty of water. Get medical attention immediately if symptoms occur.

**Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.
<b>Ingestion</b>	None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Skin contact</b>	None under normal use.
<b>Eye contact</b>	None under normal use. May cause slight irritation.
<b>Chronic effects</b>	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 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**

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
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**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

<b>Appearance</b>	Cyan ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	8 - 10
<b>Melting/freezing point (°C)</b>	No data available
<b>Boiling point/range (°C)</b>	No data available
<b>Flash point (°C)</b>	> 93.0°C (Tag. Closed Cup.); estimated
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not applicable
<b>Flammability limits in air</b>	
<b>Upper flammability limit</b>	None; estimated
<b>Lower flammability limit</b>	None; estimated
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	1.0 - 1.1
<b>Solubility(ies)</b>	Water; miscible
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Auto-ignition temperature (°C)</b>	None; estimated
<b>Decomposition temperature (°C)</b>	No data available
<b>Viscosity (mPa s)</b>	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**

<b>Acute toxicity</b>	No data available
<b>Skin corrosion/irritation</b>	Mild irritant (OECD Guideline)
<b>Serious eye damage/eye irritation</b>	Minimal irritant (OECD Guideline)
<b>Sensitization</b>	Non-sensitizer (OECD Guideline)
<b>Germ cell mutagenicity</b>	Ames test: Negative
<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	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.
<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**  
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

<u>UN number</u>	None
<u>UN proper shipping name</u>	None
<u>Transport hazard class</u>	None
<u>Packing group</u>	None
<u>Environmental hazards</u>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<u>Special precautions for users</u>	IATA: Not regulated
<u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u>	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) : 5 - 10 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 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 :** 31-Oct-2003  
**Revision date :** 09-Oct-2019  
**Revision note** SECTION 2 and 11 revised

**Disclaimer**

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