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## SECTION 1: Product and company identification

### Product identifier

**Product name** Ink Part# 14831101, 14831201  
Cyan Ink Cartridge

**Product code(s)** 9754B002

**Use** Ink for Ink Jet Printer

### Details of the supplier of the safety data sheet

**Supplier**

### **Manufacturer**

CANON FINETECH NISCA INC.  
14-1, Chuo 1-chome, Misato-shi, Saitama 341-8527, Japan

## SECTION 2: Hazards identification

### Emergency Overview

Ink tank containing cyan liquid ink with slight odor.  
Ethyleneurea may cause damage to thyroid gland through prolonged or repeated exposure.

### Classification under OSHA HCS

Specific target organ toxicity - repeated exposure (thyroid gland), Category 2

### US Label Elements under OSHA HCS

#### Symbol



#### Signal word

Warning

#### Hazard statements

May cause damage to 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 %
Copper Compound	CBI	1-5
Triethylene glycol	112-27-6	1-5
Glycerin	56-81-5	5-10
Ethyleneurea	120-93-4	10-15
Water	7732-18-5	60-80

**SECTION 4: First aid measures****Description of first aid measures**

<b>Inhalation</b>	If symptoms are experienced, move victim to fresh air and obtain medical advice.
<b>Ingestion</b>	Rinse mouth. Give one or two glasses of water. If irritation or discomfort occurs, obtain medical advice immediately.
<b>Skin contact</b>	Wash with water and soap or mild detergent. If irritation persists, obtain medical advice.
<b>Eye contact</b>	Immediately flush with lukewarm, gently flowing water for 5 minutes or until the chemical is removed. If irritation persists, obtain medical advice immediately.

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

<b>Inhalation</b>	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.
<b>Ingestion</b>	May cause abdominal pain, diarrhea, dizziness, drowsiness, dullness, headache, nausea and vomiting.
<b>Skin contact</b>	Neither irritation nor sensitization is expected. (See SECTION 11)
<b>Eye contact</b>	May cause mild irritation. (See SECTION 11)
<b>Chronic effects</b>	Not identified

**Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**CO<sub>2</sub>, water, foam or dry chemicals**Unsuitable extinguishing media**

None

**Special hazards arising from the substance or mixture****Special hazard**

None

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**Hazardous combustion products**

CO, CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>

**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.

Avoid breathing vapor and mist.

**Environmental precautions**

Do not release to sewer, surface water or ground water.

**Methods and material for containment and cleaning up**

Wipe off with wet cloth or paper.

**Other information**

None

**SECTION 7: Handling and storage**

**Precautions for safe handling**

Use with adequate ventilation.

Avoid contact with skin, eyes and clothing.

Avoid breathing vapor and mist.

In case of contact, wash out the contaminated area immediately.

**Conditions for safe storage, including any incompatibilities**

Keep in a cool and dry place.

Protect from sunlight.

Keep out of the reach of children.

**Specific end uses**

Ink for Ink Jet Printer.

For more information, please refer to the instruction of this product.

**SECTION 8: Exposure controls/personal protection**

**Exposure guidelines**

Chemical name	OSHA PEL	ACGIH TLV
Glycerin	15 mg/m <sup>3</sup> (mist, total dust) 5 mg/m <sup>3</sup> (mist, respirable fraction)	Not established

**Appropriate engineering controls** No special ventilation equipment is needed under intended use of this product.

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

**Eye/face protection** Not required

**Skin protection** Not required

**Respiratory protection** Not required

**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>	Not available
<b>pH</b>	7-9
<b>Melting point/Freezing point (°C)</b>	Not available
<b>Boiling Point/Range (°C)</b>	Not available
<b>Flash point (°C)</b>	None (Estimate)
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Neither flammable nor combustible.
<b>Flammability Limits in Air</b>	
<b>Upper flammability limit</b>	Not available
<b>Lower flammability limit</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Relative density</b>	1.0-1.1
<b>Solubility(ies)</b>	Water: Miscible
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Autoignition temperature (°C)</b>	Not available
<b>Decomposition temperature (°C)</b>	Not available
<b>Viscosity (mPa·s)</b>	1-5

**Other information**

None

**SECTION 10: Stability and reactivity**

**Reactivity**

None

**Chemical stability**

Stable

**Possibility of hazardous reactions**

None

**Conditions to avoid**

None

**Incompatible materials**

Acids, bases, oxidizing materials and reducing agents.

**Hazardous decomposition products**

CO, CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>

## SECTION 11: Toxicological information

### Information on toxicological effects

<b>Acute toxicity</b>	Not available
<b>Skin corrosion/irritation</b>	Not irritant (rabbit) OECD Guidelines No.404 (2002), (EC) 440/2008 Method B4
<b>Serious eye damage/eye irritation</b>	Mild irritant (rabbit) OECD Guidelines No.405 (2012), (EC) 440/2008 Method B5
<b>Sensitization</b>	Not sensitizing (LLNA, mouse) OECD Guidelines No.429 (2010), (EC) 440/2008 Method B42
<b>Germ cell mutagenicity</b>	Ames test: Negative
<b>Carcinogenicity</b>	Not available
<b>Reproductive toxicity</b>	Not available
<b>STOT - single exposure</b>	Not available
<b>STOT - repeated exposure</b>	Not available
<b>Aspiration hazard</b>	Not available
<b>Other information</b>	Not available

## SECTION 12: Ecological information

### Toxicity

**Ecotoxicity effects**  
Not available

**Persistence and degradability**  
Not available

**Bioaccumulative potential**  
Not available

**Mobility in soil**  
Not available

**Other adverse effects**  
Not available

### SECTION 13: Disposal considerations

#### Waste treatment methods

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

### 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>	No special environmental precautions required.
<u>Special precautions for users</u>	None
<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>	"Copper Compound" (as Cu)	1-5 wt% (<0.35 wt%)
<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
- 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

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**Key or legend to abbreviations and acronyms used in the safety data sheet**

- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- 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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**Disclaimer**

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