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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Product name** Ink Part# 14731204, 14731304  
Black Ink Cartridge

**Product code(s)** 6778B002

**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

### Emergency telephone number

## SECTION 2: Hazards identification

### Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**  
Reproductive toxicity, Category 1B

### Label elements

**Labelling according to Regulation (EC) No 1272/2008**

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

May damage fertility or the unborn child.

#### Precautionary statements

Not required

#### Other information

Contains 2-Pyrrolidone and 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.  
Contains less than 30% of components with unknown hazards to the aquatic environment.  
Restricted to professional users. Safety data sheet available on request.

### Other hazards

None

### SECTION 3: Composition/information on ingredients

Chemical name	CAS-No	REACH Registration No.	Weight %	Regulation (EC) No 1272/2008		Note to other hazards
				Classification	H-statement	
Glycerin	56-81-5	Not available	5-10	None	None	
Ethyleneurea	120-93-4	Not available	5-10	Eye Irrit. 2 STOT RE 2 (thyroid gland)	H319 H373	
2-Pyrrolidone	616-45-5	Not available	5-10	Eye Irrit. 2 Repr. 1B	H319 H360	
Triethylene glycol	112-27-6	Not available	1-5	None	None	
Substituted naphthalene sulfonic acid	CBI	Not available	1-5	Eye Dam. 1	H318	
1,2-benzisothiazol-3(2H)-one	2634-33-5	Not available	< 0.05	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400	
Water	7732-18-5	Not applicable	60-80	None	None	

Full texts of Hazard statement(s) are listed in SECTION 16.

Note to other hazards: The following substance(s) is (are) marked with (1), (2) and/or (3)

- (1) Substance for which EU Occupational Exposure Limit(s) is (are) established (See SECTION 8)
- (2) PBT substance or vPvB substance under Regulation (EC) No 1907/2006
- (3) Substance listed in Candidate List of SVHC for Authorisation under Regulation (EC) No 1907/2006

### 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 vapour 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 sensitisation is expected. (See SECTION 11)
<b>Eye contact</b>	May cause minimal 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

#### **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 vapour 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 vapour 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

### Control parameters

#### Exposure limits

Chemical name	EU OEL			
-	-			

### Exposure controls

**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
Thermal hazards	Not applicable

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Black liquid
Odour	Slight odor
Odour threshold	Not available
pH	7-9
Melting point/Freezing point (°C)	Not available
Initial boiling point and boiling range (°C)	Not available
Flash point (°C)	None (Estimate)
Evaporation rate	Not available
Flammability (solid, gas)	Neither flammable nor combustible.
Upper/lower flammability or explosive limits	
Upper flammability limit	Not available
Lower flammability limit	Not available
Upper explosive limit	Not available
Lower explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1.0-1.1
Solubility(ies)	Water: Miscible
Partition coefficient: n-octanol/water	Not available
Autoignition temperature (°C)	Not available
Decomposition temperature (°C)	Not available
Viscosity (mPa·s)	1-5
Explosive properties	None (Estimate)
Oxidising properties	None (Estimate)

### 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, oxidising 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) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.404 (2002), (EC) 440/2008 Method B4
<b>Serious eye damage/eye irritation</b>	Minimal irritant (rabbit) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.405 (2002), (EC) 440/2008 Method B5
<b>Respiratory or skin sensitisation</b>	Not sensitising (LLNA, mouse) (Estimate based on data of similar ink or ingredient(s).) 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>	2-Pyrrolidone is classified as a Category 1B (GHS) reproductive toxicant. However, the amount of exposure to 2-Pyrrolidone is negligible under intended use of this product.
<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

#### **Results of PBT and vPvB assessment**

No results that the component(s) of this ink meet(s) the PBT or vPvB criteria under Regulation (EC) No 1907/2006.

#### **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

### **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 and the IBC Code**

Not applicable

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

(EC) No 1907/2006 Authorisation	Not regulated
(EC) No 1907/2006 Restriction	Not regulated
(EC) No 1005/2009	Not regulated
(EU) 2019/1021	Not regulated
(EC) No 649/2012	Not regulated
Chemical Safety Assessment under (EC)No1907/2006	Not assessed
Other information	None

## SECTION 16: Other information

### Full text of H-statements referred to under sections 2 and 3

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H319: Causes serious eye irritation.
- H360: May damage fertility or the unborn child.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H400: Very toxic to aquatic life.

Annex: None

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Revision note: SECTION 1, 2, 3, 11, 15 and 16 have been revised.

### Key literature references and sources for data

- EU Directive 2004/37/EC, (EU) 2017/2398 and (EU) 2019/983, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164.
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EU) 2019/1021, (EU) No 649/2012
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans

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

- EU OEL: Occupational exposure limits at Union level under Directive 2004/37/EC, (EU) 2017/2398 and (EU) 2019/983, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164.
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- 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
- CBI: Confidential Business Information

### Disclaimer

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