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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier****Product name** Kiaro! Ink Part# 14731212**Product code(s)** 9170B002**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****Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Not classified as hazardous

Label elements**Labelling according to Regulation (EC) No 1272/2008****Hazard pictograms**

Not required

Signal word

Not required

Hazard statements

Not required

Precautionary statements

Not required

Supplemental hazard informationContains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
Contains less than 30% of components with unknown hazards to the aquatic environment.
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	1-5	None	None	
Ethyleneurea	120-93-4	Not available	5-10	Eye Irrit. 2 STOT RE 2 (thyroid gland)	H319 H373	
Pyridine Azo dye	CBI	Not available	1-5	Aquatic Chronic 2	H411	
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	70-90	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

Inhalation	If symptoms are experienced, move victim to fresh air and obtain medical advice.
Ingestion	Rinse mouth. Give one or two glasses of water. If irritation or discomfort occurs, obtain medical advice immediately.
Skin contact	Wash with water and soap or mild detergent. If irritation persists, obtain medical advice.
Eye contact	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

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

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

CO₂, water, foam or dry chemicals

Unsuitable extinguishing media

None

Special hazards arising from the substance or mixture

Special hazard

None

Hazardous combustion products

CO, CO₂, NO_x and SO_x

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	Magenta liquid
Odour	Slight odour
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, CO₂, NO_x and SO_x

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	Not available
Skin corrosion/irritation	Not irritant (rabbit) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.404 (2002), (EC) 440/2008 Method B4
Serious eye damage/eye irritation	Mild irritant (rabbit) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.405 (2002), (EC) 440/2008 Method B5
Respiratory or skin sensitisation	Not sensitising (LLNA, mouse) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.429 (2010), (EC) 440/2008 Method B42
Germ cell mutagenicity	Ames test: Negative
Carcinogenicity	Not available
Reproductive toxicity	Not available
STOT - single exposure	Not available
STOT - repeated exposure	Not available
Aspiration hazard	Not available
Other information	Not available

SECTION 12: Ecological information

Toxicity

Ecotoxicity effects

Acute toxicity to fish:	96-hr LC50 > 100 mg/L (<i>Oryzias latipes</i>) OECD Guidelines No.203 (1992)
Acute toxicity to daphnia:	48-hr EC50 > 100 mg/L, NOEC = 100 mg/L (<i>Daphnia magna</i>) OECD Guidelines No.202(2004), (EC) No 440/2008 Method C.2
Acute toxicity to aquatic plants:	7-day EC50 > 100 mg/L, NOEC = 100 mg/L (<i>Lemna minor</i>) OECD Guidelines No.221(2006)

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

<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/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
(EC) No 850/2004	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.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H400: Very toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.

Annex: None

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Key literature references and sources for data

- EU Directive 2004/37/EC and (EU) 2017/2398, 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, (EC) No 850/2004, (EC) 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 and (EU) 2017/2398, 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
- IARC: International Agency for Research on Cancer
- CBI: Confidential Business Information

Disclaimer

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