

# Safety Data Sheet

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

### Product identifier

**Product name** SCL-D400M+  
**Product code(s)** 9170B001  
**Use** Ink for Ink Jet Printer

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

#### Supplier

KANEMATSU CORPORATION  
2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8005, Japan

#### 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) 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 information**

Contains 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

This product is not classified as hazardous according to the US OSHA Hazard Communication Standard 2012.

### SECTION 3: Composition/information on ingredients

Chemical name	CAS-No	REACH Registration No.	Weight %	Regulation (EC) 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	H319	
Pyridine Azo dye	Confidential	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	

For the full text of the H-statements mentioned in this Section, see 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 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

#### **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

### Control parameters

#### Exposure limits

Chemical name	EU OEL	OSHA PEL	ACGIH TLV	Australia OEL
Glycerin	Not established	(as mist) Total dust TWA: 15 mg/m <sup>3</sup> Respirable fraction TWA: 5 mg/m <sup>3</sup>	Not established	TWA: 10 mg/m <sup>3</sup>

### 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
Odor	Slight odor
Odor 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
Vapor pressure	Not available
Vapor 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)
Oxidizing 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, 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) (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>	Mild 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 sensitization</b>	Not sensitizing (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>	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

- Acute toxicity to fish: 96-hr LC50 > 100 mg/L (*Oryzias latipes*)  
OECD Guidelines No.203 (1992)
- Acute toxicity to daphnia: 48-hr EC50 > 100 mg/L, NOEC = 100 mg/L (*Daphnia magna*)  
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 (*Lemna minor*)  
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

### UN number

None

### UN proper shipping name

None

### Transport hazard class

None

### Packing group

None

### Environmental hazards

Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.

### Special precautions for users

None

### Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable



**Key literature references and sources for data**

- EU Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU.
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EC) No 649/2012
- 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
- Australian Workplace Exposure Standards for Airborne Contaminants
- 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
- NICNAS, Industrial Chemicals (Notification and Assessment) Act 1989
- Safe Work Australia, Work Health and Safety Act 2011 and Model Work Health and Safety Regulations

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

- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- 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
- Australia OEL: Occupational exposure limits under Work Health and Safety Act 2011 and Regulations
- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act (USA)
- 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
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- ICNA Act: Industrial Chemicals (Notification and Assessment) Act 1989
- AICS: Australian Inventory of Chemical Substances
- WHS Regulations: Model Work Health and Safety Regulations

**Disclaimer**

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