

Safety Data Sheet

Issuing date: February 29, 2012
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Version: 01

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

Product Identifier

Product name SCL-D400BK
Product Code(s) 6778B001
Use Ink for Ink Jet Printer

Details of the supplier of the safety data sheet

Supplier

Manufacturer

CANON FINETECH 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

Classification according to Directive 67/548/EEC or 1999/45/EC
Not classified as dangerous

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 %	Directive 67/548/EEC		Regulation (EC) 1272/2008	
				Classification	Indication of danger / R-phrase	Classification	H-Statement
Triethylene glycol	112-27-6	Not registered	1-5	None	None	None	None
Glycerin	56-81-5	Not registered	5-10	None	None	None	None
Ethyleneurea	120-93-4	Not registered	5-10	Irritant	Xi; R36	Eye Irrit. 2	H319
Lactam	Confidential	Not registered	5-10	None	None	None	None
Substituted naphthalene sulfonic acid	Confidential	Not registered	1-5	Irritant	Xi; R41	Eye Dam. 1	H318
1,2-benzisothiazol- 3(2H)-one	2634-33-5	Not registered	< 0.05	Harmful Irritant Dangerous for the environment	Xn; R22 Xi; R38 Xi; R41 Xi; R43 N; R50	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	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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 vapor 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 sensitization is expected. (See SECTION 11)
Eye Contact	May cause minimal 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 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 ³ Respirable fraction TWA: 5 mg/m ³	Not established	TWA: 10 mg/m ³

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
Odor	Slight odor
Odor threshold	Not available
pH	7-9
Melting/Freezing point (°C)	Not available
Boiling Point/Range (°C)	Not available
Flash Point (°C)	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Neither flammable nor combustible.
Flammability Limits in Air	
Upper Flammability Limit	Not available
Lower Flammability 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, 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	Minimal irritant (rabbit) (Estimate based on data of similar ink or ingredient(s).) OECD Guidelines No.405 (2002), (EC) 440/2008 Method B5
Sensitization	Not sensitizing (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 (<i>S. typhimurium</i> & <i>E. Coli</i>)
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

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

Proper Shipping Name

None

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 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

[EU Information]

(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 Chemical Safety Assessment under (EC)No1907/2006	Not regulated Not assessed
[USA Information] TSCA Sec 4,5,6,7,8,12b	This product contains substances which are subject to TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.10107 and 721.10108). Do not use this product other than as inkjet printer ink. This product is subject to TSCA Section 12(b) export notification requirements.
OSHA-HCS Classification/Label FHSA Classification/Label SARA Title III Sec 313 California Proposition 65	Not classified as hazardous Not classified as hazardous None None
[Canada Information] CEPA Sec 81 (DSL and NDSL listing status) HPA (WHMIS)	Not applicable (Manufactured article) Not applicable (Manufactured article)
[Australia Information] ICNA Act Sec 21 (AICS listing status) NOHSC:1008/NOHSC:2012 WHS Regulations Chap 7 Part 7.1	All ingredients are listed on AICS. Not classified as hazardous Not classified as hazardous
Other Information	None

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

R22: Harmful if swallowed.
R36: Irritating to eyes.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R50: Very toxic to aquatic organisms.

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.
H400: Very toxic to aquatic life.

Annex
None

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Revision Note: New GHS format for SDS.

Key literature references and sources for data

- EU Directive 67/548/EEC, 1999/45/EC, 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
- Australia National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substance [NOHSC:1008(2004)]
- Australia National Occupational Health and Safety Commission's National Code of Practice for the Labelling of Workplace Substance [NOHSC:2012(1994)]
- 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

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.