

Safety Data Sheet

Issuing date: March 06, 2014
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SDS #: JIn-173
Version: 02

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

Product identifier

Product name SCL-P200BK
Product code(s) 9048B001
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 | |
| Carbon Black | 1333-86-4 | Not available | 1-5 | None | None | |
| Triethylene glycol | 112-27-6 | Not available | 1-5 | None | None | |
| Glycerin | 56-81-5 | Not available | 5-10 | None | None | |
| Ethyleneurea | 120-93-4 | Not available | 10-15 | Eye Irrit. 2 | H319 | |
| 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 | |

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

| | |
|---------------------|---|
| 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 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 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 |
|---------------|-----------------|---|----------------------------|----------------------------|
| Carbon black | Not established | TWA: 3.5 mg/m ³ | TWA: 3.0 mg/m ³ | TWA: 3.0 mg/m ³ |
| 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 |

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 |
| 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, CO₂, NO_x and SO_x

SECTION 11: Toxicological information

Information on toxicological effects

| | |
|--|--|
| Acute toxicity | Not available |
| Skin corrosion/irritation | Not irritant (rabbit) OECD Guidelines No.404 (2002), (EC) 440/2008 Method B4 |
| Serious eye damage/eye irritation | Mild irritant (rabbit) OECD Guidelines No.405 (2012), (EC) 440/2008 Method B5 |
| Respiratory or skin sensitization | Not sensitizing (LLNA, mouse) OECD Guidelines No.429 (2010), (EC) 440/2008 Method B42 |
| Germ cell mutagenicity | Ames test: Negative |
| Carcinogenicity | The IARC evaluated carbon black, as a Group 2B carcinogen, for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposure to powdered carbon black at levels that induce particle overload of the lung. However, the amount of inhalation exposure to powdered carbon black is negligible under intended use of this product. |
| 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

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

SECTION 15: Regulatory information

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

[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 | Not regulated |
| Chemical Safety Assessment under (EC)No1907/2006 | Not assessed |

[USA information]

| | |
|-------------------------------|-----------------------------|
| TSCA Sec 4,5,6,7,8,12b | Not regulated |
| OSHA-HCS Classification/Label | Not classified as hazardous |
| FHSA Classification/Label | Not classified as hazardous |
| SARA Title III Sec 313 | None |
| California Proposition 65 | None |

[Canada information]

| | |
|---|---------------------------------------|
| CEPA Sec 81 (DSL and NDSL listing status) | Not applicable (Manufactured article) |
| HPA (WHMIS) | Not applicable (Manufactured article) |

[Australia information]

| | |
|---------------------------------------|--|
| ICNA Act Sec 21 (AICS listing status) | This product contains ingredients that are not listed on AICS. |
| WHS Regulations Chap 7 Part 7.1 | Not classified as hazardous |

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.
H400: Very toxic to aquatic life.

Annex

None

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Revision note: Entirely revised

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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