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Version : 03

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

**Product name** Canon FINE Cartridge CL-98  
**Product Code(s)** 5555B  
**Use** Ink for Ink Jet Printer

**Details of the supplier of the safety data sheet****Supplier**

Canon Singapore Pte. Ltd.  
1 Fusionopolis Place, #15-10 Galaxis, Singapore 138522  
Email : cspl\_msds@canon.com.sg  
Phone number : (65) 6799-8888

Canon India Pvt. Ltd.  
7th Floor, Tower B, DLF Eptome, DLF Phase-3, Gurgaon-122002 Haryana, India  
Phone number : (91) 124-416-0000  
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Canon (China) Co. Ltd  
33F, China Life Financial Center, No.23 Zhenzhi Road, Chaoyang District, Beijing 100026, P.R.China

Canon Korea Business Solutions INC.  
607 Teheran-ro, Gangnam-gu, Korea  
Email : webmaster@canon-bs.co.kr  
Phone number : (82) 1588-2500

**Manufacturer**

Canon Inc.  
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

**SECTION 2: Hazards identification****Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**  
Not classified

**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

#### Other 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.

#### Other hazards which do not result in classification

None

### SECTION 3: Composition/information on ingredients

#### Mixtures

| Chemical name | CAS-No    | EC-No     | Weight % | Classification (Reg. 1272/2008)                         | Note to Other Hazards |
|---------------|-----------|-----------|----------|---|-----------------------|
| Glycol        | CBI       | CBI       | 5 - 10   | Eye Irrit. 2 (H319)                                     |                       |
| Glycol        | CBI       | CBI       | 1 - 10   | None  |                       |
| Glycerin      | 56-81-5   | 200-289-5 | 1 - 5    | None  |                       |
| Urea compound | CBI       | CBI       | 1 - 5    | Eye Irrit. 2 (H319)<br>STOT RE 2 (thyroid gland) (H373) |                       |
| Water         | 7732-18-5 | 231-791-2 | 60 - 80  | 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>   | Move to fresh air. Get medical attention immediately if symptoms occur.                                  |
| <b>Ingestion</b>    | Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.         |
| <b>Skin Contact</b> | Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur. |
| <b>Eye Contact</b>  | Flush with plenty of water. Get medical attention immediately if symptoms occur.                         |

#### Most important symptoms and effects, both acute and delayed

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing. |
| <b>Ingestion</b>    | None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                               |
| <b>Skin Contact</b> | None under normal use.   |
| <b>Eye Contact</b>  | None under normal use. May cause slight irritation.  |

**Chronic Effects** None under normal use.

**Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Firefighting measures**

**Extinguishing media**

**Suitable extinguishing media**

Use CO<sub>2</sub>, water, dry chemical, or foam.

**Unsuitable extinguishing media**

None

**Special hazards arising from the substance or mixture**

**Special Hazard**

None

**Hazardous combustion products**

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO)

**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.

**Environmental Precautions**

Keep out of waterways.

**Methods and material for containment and cleaning up**

Wipe up with adsorbent material (e.g. cloth, fleece).

**Other Information**

None

**SECTION 7: Handling and storage**

**Precautions for safe handling**

Avoid contact with skin, eyes and clothing. Clean contaminated surface thoroughly. Use with adequate ventilation.

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from direct sunlight. Keep away from heat and sources of ignition.

### Specific end uses

Ink for Ink Jet Printer. Obtain special instructions before use.

## SECTION 8: Exposure controls/personal protection

### Control parameters

#### Exposure Limits

| Chemical name       | EU OEL | Australia OEL                                     | OSHA PEL  | ACGIH TLV |
|---------------------|--------|---|---|-----------|
| Glycerin<br>56-81-5 | None   | TWA: 10 mg/m <sup>3</sup> inhalable<br>dust, mist | TWA: 15 mg/m <sup>3</sup> mist, total<br>particulate<br>TWA: 5 mg/m <sup>3</sup> mist,<br>respirable fraction | None      |

**Appropriate engineering controls** None under normal use conditions.

#### Individual protection measures, such as personal protective equipment

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Eye/face Protection</b>    | Not required under normal use. |
| <b>Skin Protection</b>        | Not required under normal use. |
| <b>Respiratory Protection</b> | Not required under normal use. |
| <b>Thermal hazards</b>        | Not Applicable                 |

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

|   |  |
|---|--|
| <b>Appearance</b>                             | Cyan, Magenta, Yellow ; Liquid         |
| <b>Odor</b>                                   | Slight odor                            |
| <b>Odor threshold</b>                         | No data available                      |
| <b>pH</b>                                     | 6 - 9                                  |
| <b>Melting/Freezing point (°C)</b>            | No data available                      |
| <b>Boiling Point/Range (°C)</b>               | No data available                      |
| <b>Flash Point (°C)</b>                       | > 93.0°C (Tag. Closed Cup.); estimated |
| <b>Evaporation Rate</b>                       | No data available                      |
| <b>Flammability (solid, gas)</b>              | Not Applicable                         |
| <b>Flammability Limits in Air</b>             |  |
| <b>Upper Flammability Limit</b>               | None; estimated                        |
| <b>Lower Flammability Limit</b>               | None; estimated                        |
| <b>Vapor pressure</b>                         | No data available                      |
| <b>Vapor density</b>                          | No data available                      |
| <b>Relative density</b>                       | 1.0 - 1.1                              |
| <b>Solubility(ies)</b>                        | Water; miscible                        |
| <b>Partition coefficient: n-octanol/water</b> | No data available                      |
| <b>Autoignition Temperature (°C)</b>          | None; estimated                        |
| <b>Decomposition Temperature (°C)</b>         | No data available                      |
| <b>Viscosity (mPa s)</b>                      | 1 - 5                                  |
| <b>Explosive properties</b>                   | None; estimated                        |
| <b>Oxidizing properties</b>                   | None; estimated                        |

### Other Information

No data available

## SECTION 10: Stability and reactivity

### Reactivity

None

**Chemical stability**

Stable

**Possibility of Hazardous Reactions**

None

**Conditions to Avoid**

None

**Incompatible materials**

Acids, Bases, Oxidizing agents, Reducing agents.

**Hazardous Decomposition Products**

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), and/or Ammonia.

**SECTION 11: Toxicological information**

**Information on toxicological effects**

|  |   |
|--|---|
| <b>Acute toxicity</b>                    | No data available                           |
| <b>Skin corrosion/irritation</b>         | All colors: Non-irritant (OECD Guideline)   |
| <b>Serious eye damage/eye irritation</b> | All colors: Mild irritant (OECD Guideline)  |
| <b>Sensitization</b>                     | All colors: Non-sensitizer (OECD Guideline) |
| <b>Germ cell mutagenicity</b>            | Ames test:<br>All colors: Negative          |
| <b>Carcinogenicity</b>                   | No data available                           |
| <b>Reproductive Toxicity</b>             | No data available                           |
| <b>STOT - single exposure</b>            | No data available                           |
| <b>STOT - repeated exposure</b>          | No data available                           |
| <b>Aspiration hazard</b>                 | No data available                           |
| <b>Other Information</b>                 | No data available                           |

**SECTION 12: Ecological information**

**Toxicity**

**Ecotoxicity effects**

Cyan and Yellow:

No data available

Magenta:

Fish, 96h LC50 > 100 mg/L (Estimate) (OECD Guideline)

Crustaceans, 48h EC50 > 100 mg/L (Estimate) (OECD Guideline)

Algae, EC50 (0-7day) > 100 mg/L, NOEC = 100 mg/L (Estimate) (OECD Guideline)

NOEC: No Observed Effect Concentration

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**Other adverse effects**

No data available

**SECTION 13: Disposal considerations**

**Waste treatment methods**

Dispose of in accordance with local regulations.

**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**

IATA: Not regulated

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

Not Applicable

**SECTION 15: Regulatory information**

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

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5555B  
Canon FINE Cartridge CL-98

|                                 |   |
|---------------------------------|---|
| (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   |
| (EU) No 649/2012                | Not regulated   |
| Australia Information           | Not classified as hazardous according to criteria of Work Health and Safety Regulations 2011. |
| Other Information               | None  |

## SECTION 16: Other information

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

H319 - Causes serious eye irritation

H373 - May cause damage to organs through prolonged or repeated exposure

### Key literature references and sources for data

- U.S. Department of Labor, 29CFR Part 1910
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EU) No 649/2012
- Safe Work Australia, Model Work Health and Safety Act 2011 and Model Work Health and Safety Regulations 2011

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

- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- 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.
- 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
- 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
- IATA: International Air Transport Association
- CBI: Confidential Business Information

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