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

**Product name** Canon FINE Cartridge CL-52  
**Product Code(s)** 0619B  
**Use** Ink for Ink Jet Printer

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

Canon Australia Pty Ltd  
Building A, The Park Estate, 5 Talavera Road, Macquarie Park, NSW 2113, Australia  
Email : qse@canon.com.au  
Phone number : (61) 2-9805-2000  
Emergency phone number : 13 11 26 (Within Australia)

Canon New Zealand Limited  
28 The Warehouse Way, Akoranga Business Park, Northcote, Auckland, 0627, New Zealand  
Email : qse@canon.com.au  
Phone number : 0800 222 666 (Within New Zealand)  
Emergency phone number : 0800 764 766 or 0800 POISON (Within New Zealand)

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 Epitome, DLF Phase-3, Gurgaon-122002 Haryana, India  
Phone number : (91) 124-416-0000  
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Canon (China) Co. Ltd  
2F., Jinbao Building No.89 Jinbao Street, Dongcheng District, Beijing, 100005, 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
Glycerin	56-81-5	200-289-5	5 - 15	None	
Ethylene glycol	107-21-1	203-473-3	5 - 10	Acute Tox. 4 (H302) STOT RE 2 (kidney) (H373)	(1)
Urea compound	CBI	CBI	5 - 10	Eye Irrit. 2 (H319)	
Lactam	CBI	CBI	1 - 10	Eye Irrit. 2 (H319)	
Isopropyl alcohol	67-63-0	200-661-7	1 - 5	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Irrit. 2 (H319)	
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**

**Inhalation** Move to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion** Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.

**Skin Contact** Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.

**Eye Contact** Flush with plenty of water. Get medical attention immediately if symptoms occur.

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

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<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.
<b>Chronic Effects</b>	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 56-81-5	None	TWA: 10 mg/m <sup>3</sup> inhalable dust, mist	TWA: 15 mg/m <sup>3</sup> mist, total particulate TWA: 5 mg/m <sup>3</sup> mist, respirable fraction	None
Ethylene glycol 107-21-1	TWA: 20 ppm TWA: 52 mg/m <sup>3</sup> STEL: 40 ppm STEL: 104 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> particulate TWA: 20 ppm vapour TWA: 52 mg/m <sup>3</sup> vapour STEL: 40 ppm vapour STEL: 104 mg/m <sup>3</sup> vapour	None	TWA: 25 ppm vapor fraction STEL: 50 ppm vapor fraction STEL: 10 mg/m <sup>3</sup> inhalable particulate matter, aerosol only
Isopropyl alcohol 67-63-0	None	TWA: 400 ppm TWA: 983 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1230 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm

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

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

**Eye/face Protection** Not required under normal use.  
**Skin Protection** Not required under normal use.  
**Respiratory Protection** Not required under normal use.  
**Thermal hazards** Not Applicable

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Appearance</b>	Black, Cyan, Magenta ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	7 - 10
<b>Melting/Freezing point (°C)</b>	No data available
<b>Boiling Point/Range (°C)</b>	No data available
<b>Flash Point (°C)</b>	Black: None (Tag. Closed Cup.) Cyan and Magenta: 60 - 63 (Tag. Closed Cup. Combustion is not sustainable.) (Estimate)
<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>	No data available

<b>Lower Flammability Limit</b>	No data available
<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>	No data available
<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>	Black: LD50 > 2000 mg/kg (Ingestion) (OECD Guideline) Cyan and Magenta: LD50 > 2000 mg/kg (Ingestion) (Estimate) (OECD Guideline)
<b>Skin corrosion/irritation</b>	Black: Non-irritant (OECD Guideline) Cyan: Non-irritant (Estimate) (OECD Guideline) Magenta: Mild irritant (Estimate) (OECD Guideline)

<b>Serious eye damage/eye irritation</b>	Black: Moderate irritant (OECD Guideline) Cyan: Slightly irritating (Estimate) (OECD Guideline) Magenta: Practically non-irritant (Estimate) (OECD Guideline)
<b>Sensitization</b>	Black: Non-sensitizer (OECD Guideline) Cyan and Magenta: Non-sensitizer (Estimate) (OECD Guideline)
<b>Germ cell mutagenicity</b>	Ames test: 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**  
No data available

### 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

<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>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<u>Special Precautions for users</u>	IATA: Not regulated
<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 specific for the product in question

(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**

H225 - Highly flammable liquid and vapor  
H302 - Harmful if swallowed  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
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, 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
- 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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**Disclaimer**

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