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

**Product name** Canon Ink Tank CLI-821GY  
**Product Code(s)** 2956B  
**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 Epite, DLF Phase-3, Gurgaon-122002 Haryana, India  
Phone number : (91) 124-416-0000  
Emergency phone number : (91) 124-416-0180

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 - 10   | None                            |                       |
| Urea compound | CBI       | CBI       | 5 - 10   | Eye Irrit. 2 (H319)             |                       |
| Glycol        | CBI       | CBI       | 5 - 10   | None                            |                       |
| 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.  |
| <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<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**

**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 ; Liquid                         |
| <b>Odor</b>                                   | Slight odor                            |
| <b>Odor threshold</b>                         | No data available                      |
| <b>pH</b>                                     | 8 - 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>         | Non-irritant (OECD Guideline)     |
| <b>Serious eye damage/eye irritation</b> | Minimal irritant (OECD Guideline) |
| <b>Sensitization</b>                     | Non-sensitizer (OECD Guideline)   |
| <b>Germ cell mutagenicity</b>            | Ames test: 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**

|  |  |
|--|--|
| <b><u>UN number</u></b>  | None   |
| <b><u>UN Proper Shipping Name</u></b>  | None   |
| <b><u>Transport Hazard Class</u></b>   | None   |
| <b><u>Packing Group</u></b>  | None   |
| <b><u>Environmental Hazards</u></b>  | Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code. |
| <b><u>Special Precautions for users</u></b>                                      | IATA: Not regulated  |
| <b><u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u></b> | Not Applicable   |

**SECTION 15: Regulatory information**

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

|  |   |
|--|---|
| <b>(EC) No 1907/2006 Authorisation</b> | Not regulated   |
| <b>(EC) No 1907/2006 Restriction</b>   | Not regulated   |
| <b>(EC) No 1005/2009</b>               | Not regulated   |
| <b>(EC) No 850/2004</b>                | Not regulated   |
| <b>(EU) No 649/2012</b>                | Not regulated   |
| <b>Australia Information</b>           | Not classified as hazardous according to criteria of Work Health and Safety Regulations 2011. |
| <b>Other Information</b>               | None  |

**SECTION 16: Other information**

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

H319 - Causes serious eye irritation

**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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