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 Version : 01

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

**1.1. Product Identifier**

**Product name** Canon Ink Tank PFI-1100 M S  
**Product Code(s)** 2479C

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use** Ink for Ink Jet Printer

**1.3. Details of the supplier of the safety data sheet**

**Supplier**  
 Importer  
 Canon Europa N.V.  
 Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands  
 +31 20 5458545, +31 20 5458222  
 www.canon-europe.com, ceu-Reach@canon-europe.com

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

**1.4. Emergency Telephone Number**

|                  |                                   |                       |                                     |
|------------------|-----------------------------------|-----------------------|-------------------------------------|
| <b>Austria</b>   | +43 (0) 1 406 43 43               | <b>Belgium</b>        | +32 (0) 70 245 245                  |
| <b>Bulgaria</b>  | 112                               | <b>Croatia</b>        | +385 (0)1-23-48-342                 |
| <b>Cyprus</b>    | 1401                              | <b>Czech Republic</b> | +420 224919293                      |
| <b>Denmark</b>   | +45 82 12 12 12 [ <sup>*1</sup> ] | <b>Estonia</b>        | 16662                               |
| <b>Finland</b>   | +358 (0)9 471977                  | <b>France</b>         | +33 (0)1 45 42 59 59                |
| <b>Greece</b>    | +30 210 7793777                   | <b>Hungary</b>        | +36 80 20 11 99                     |
| <b>Italy</b>     | +39 (0)55 7947819                 | <b>Latvia</b>         | +371 67042473                       |
| <b>Lithuania</b> | +370 687 53378                    | <b>Luxembourg</b>     | 112                                 |
| <b>Malta</b>     | 112                               | <b>Netherlands</b>    | +31 (0)30-2748888 [ <sup>*2</sup> ] |
| <b>Poland</b>    | 112                               | <b>Portugal</b>       | +351 808 250 143                    |
| <b>Romania</b>   | +40 21 318 36 06                  | <b>Slovakia</b>       | +421 2 5477 4166                    |
| <b>Slovenia</b>  | 112                               | <b>Spain</b>          | 112                                 |
| <b>Sweden</b>    | 112 [ <sup>*3</sup> ]             | <b>United Kingdom</b> | 111 (UK only)                       |
| <b>Iceland</b>   | 112                               | <b>Liechtenstein</b>  | 145                                 |
| <b>Norway</b>    | +47 22 59 13 00                   | <b>Switzerland</b>    | 145                                 |

\*1 Kontakt Giftnlinien på tlf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.  
 \*2 Only for the purpose of informing medical personnel in cases of acute intoxications.  
 \*3 Ask for Poison Information

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

**2.2. 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.

**2.3. Other Hazards**

None

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

| Chemical name                | CAS-No    | EC-No     | REACH registration number | Weight % | Classification (Reg. 1272/2008)   | Note to Other Hazards |
|------------------------------|-----------|-----------|---------------------------|----------|---|-----------------------|
| Glycerin                     | 56-81-5   | 200-289-5 | None                      | 10 - 15  | None  |                       |
| 2-Pyrrolidinone              | 616-45-5  | 210-483-1 | None                      | 5 - 10   | Eye Irrit. 2 (H319)   |                       |
| Glycol                       | CBI       | CBI       | CBI                       | 5 - 10   | None  |                       |
| 1,2-benzisothiazol-3(2H)-one | 2634-33-5 | 220-120-9 | None                      | < 0.05   | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Acute 1 (H400) |                       |
| Water                        | 7732-18-5 | 231-791-2 | None                      | 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**

**4.1. 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.

**4.2. 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.   |

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

None

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

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

**Unsuitable extinguishing media**

None

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

**Special Hazard**

None

**Hazardous combustion products**

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

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

None

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes and clothing.

**6.2. Environmental Precautions**

Keep out of waterways.

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

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

**6.4. Reference to other sections**

None

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

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

### 7.2. 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.

### 7.3. Specific end uses

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

| Chemical name       | EU OEL   | Austria                        | Belgium   | Bulgaria   | Cyprus   |
|---------------------|--|--------------------------------|---|--|--|
| Glycerin<br>56-81-5 | None   | None                           | TWA: 10 mg/m <sup>3</sup>   | None   | None   |
| Chemical name       | Czech Republic   | Denmark                        | Finland   | France   | Germany  |
| Glycerin<br>56-81-5 | TWA: 10 mg/m <sup>3</sup><br>Ceiling: 15 mg/m <sup>3</sup> | None                           | TWA: 20 mg/m <sup>3</sup>   | TWA: 10 mg/m <sup>3</sup>  | DFG TWA: 200 mg/m <sup>3</sup><br>inhalable fraction<br>Ceiling / Peak: 400<br>mg/m <sup>3</sup> inhalable<br>fraction |
| Chemical name       | Greece   | Hungary                        | Ireland   | Italy  | Netherlands  |
| Glycerin<br>56-81-5 | TWA: 10 mg/m <sup>3</sup>                                  | None                           | TWA: 10 mg/m <sup>3</sup> mist<br>STEL: 30 mg/m <sup>3</sup> mist | None   | None   |
| Chemical name       | Poland   | Portugal                       | Romania   | Slovakia   | Spain  |
| Glycerin<br>56-81-5 | TWA: 10 mg/m <sup>3</sup><br>inhalable fraction            | TWA: 10 mg/m <sup>3</sup> mist | None  | None   | TWA: 10 mg/m <sup>3</sup> mist   |
| Chemical name       | Sweden   | United Kingdom                 | Norway  | Switzerland  | Turkey   |
| Glycerin<br>56-81-5 | None   | TWA: 10 mg/m <sup>3</sup> mist | None  | TWA: 50 mg/m <sup>3</sup><br>inhalable dust<br>STEL: 100 mg/m <sup>3</sup><br>inhalable dust | None   |

### 8.2. Exposure controls

**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

### 9.1. Information on basic physical and chemical properties

|                                    |  |
|------------------------------------|--|
| <b>Appearance</b>                  | Magenta ; Liquid                       |
| <b>Odor</b>                        | Slight odor                            |
| <b>Odor threshold</b>              | No data available                      |
| <b>pH</b>                          | ca. 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                      |

|  |                   |
|--|-------------------|
| Flammability (solid, gas)              | Not Applicable    |
| Flammability Limits in Air             |                   |
| Upper Flammability Limit               | None; estimated   |
| Lower Flammability Limit               | None; estimated   |
| Vapor pressure                         | No data available |
| Vapor density                          | No data available |
| Relative density                       | 1.0 - 1.1         |
| Solubility(ies)                        | Water; miscible   |
| Partition coefficient: n-octanol/water | No data available |
| Autoignition Temperature (°C)          | None; estimated   |
| Decomposition Temperature (°C)         | No data available |
| Viscosity (mPa s)                      | 1 - 5             |
| Explosive properties                   | None; estimated   |
| Oxidizing properties                   | None; estimated   |

### 9.2. Other Information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None

### 10.2. Chemical stability

Stable

### 10.3. Possibility of Hazardous Reactions

None

### 10.4. Conditions to Avoid

None

### 10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

### 10.6. Hazardous Decomposition Products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |   |
|-----------------------------------|---|
| Acute toxicity                    | No data available                             |
| Skin corrosion/irritation         | Non-irritant (Estimate) (OECD Guideline)      |
| Serious eye damage/eye irritation | Moderate irritant (Estimate) (OECD Guideline) |
| Sensitization                     | Non-sensitizer (Estimate) (OECD Guideline)    |
| Germ cell mutagenicity            | Ames test: Negative                           |
| Carcinogenicity                   | 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

### 12.1. Toxicity

#### **Ecotoxicity effects**

No data available

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. 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).

### 12.6. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in accordance with local regulations.

## SECTION 14: Transport information

|   |  |
|---|--|
| <b><u>14.1. UN number</u></b>                     | None   |
| <b><u>14.2. UN Proper Shipping Name</u></b>       | None   |
| <b><u>14.3. Transport Hazard Class</u></b>        | None   |
| <b><u>14.4. Packing Group</u></b>                 | None   |
| <b><u>14.5. Environmental Hazards</u></b>         | Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code. |
| <b><u>14.6. Special Precautions for users</u></b> | IATA: Not regulated  |

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code** Not Applicable**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                                 |               |
|---------------------------------|---------------|
| (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 |
| Other Information               | None          |

**15.2. Chemical safety assessment**

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

**Key literature references and sources for data**

- 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

**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.  
- TWA: Time Weighted Average  
- STEL: Short Term Exposure Limit  
- IARC: International Agency for Research on Cancer  
- IATA: International Air Transport Association  
- CBI: Confidential Business Information

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This safety data sheet (SDS) is supplied under (EC) No 1907/2006 Article 31-3.

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