

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

### 1.1. Product identifier

**Product name** Canon Ink Tank CLI-581< M >  
**Product code(s)** 2104C

### 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>	+359 2 9154 233	<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>Ireland</b>	353 (1) 809-2166/-2566	<b>Italy</b>	+39 (0)55 7947819
<b>Latvia</b>	+371 67042473	<b>Lithuania</b>	+370 (85) 2362052
<b>Luxembourg</b>	(+352) 8002 5500	<b>Malta</b>	21224071
<b>Netherlands</b>	+31 (0)30-2748888 <sup>[*2]</sup>	<b>Poland</b>	42 25 38-421/-422/-406
<b>Portugal</b>	+351 800 250 250	<b>Romania</b>	+40 21 318 36 06
<b>Slovakia</b>	+421 2 5477 4166	<b>Slovenia</b>	112
<b>Spain</b>	+34 91 562 04 20	<b>Sweden</b>	112 <sup>[*3]</sup>
<b>United Kingdom</b>	+44 121 507 4123	<b>Iceland</b>	112
<b>Liechtenstein</b>	145	<b>Norway</b>	+47 22 59 13 00
<b>Switzerland</b>	145		

\*1 Kontakt Giftlinien 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.

**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
Glycol	CBI	CBI	CBI	10 - 15	None	
Glycerin	56-81-5	200-289-5	None	5 - 10	None	
Pyridine Azo dye	CBI	CBI	CBI	1 - 5	Aquatic Chronic 2 (H411)	
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

In case a safety data sheet supplied under (EC) No 1907/2006 Article 31-3 is necessary, please contact us.

**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**

**Inhalation**

None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

**Ingestion**

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 firefighters**  
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 56-81-5	None	None	TWA: 10 mg/m <sup>3</sup>	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup>	None	TWA: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TRGS TWA: 200 mg/m <sup>3</sup> inhalable fraction DFG TWA: 200 mg/m <sup>3</sup> inhalable fraction Ceiling / Peak: 400 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	None	None	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> inhalable fraction	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 11 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> mist
Chemical name	Sweden	United Kingdom	Norway	Switzerland	Turkey
Glycerin 56-81-5	None	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 50 mg/m <sup>3</sup> inhalable dust STEL: 100 mg/m <sup>3</sup> 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>	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

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
Auto-ignition 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	Mild irritant (Estimate) (OECD Guideline)
Sensitization	Not classified based on the classification criteria under UN GHS (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**

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

### 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

14.1. UN number None

14.2. UN proper shipping name None

14.3. Transport hazard class None

<b>14.4. Packing group</b>	None
<b>14.5. Environmental hazards</b>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<b>14.6. Special precautions for users</b>	IATA: Not regulated
<b>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</b>	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
(EU) 2019/1021	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 SECTION 2 and 3

H411 - Toxic to aquatic life with long lasting effects

### 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, (EU) 2019/1021, (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, 2009/161/EU, (EU) 2017/164 and (EU) 2019/1831.
- 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

Issuing date : 19-Apr-2017

Revision date : 18-Dec-2020

Revision note Entirely revised

This product falls under (EC) No 1907/2006 Article 31-3.

### Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its

publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



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

### 1.1. Product identifier

**Product name** Canon Ink Tank CLI-581< BK >  
**Product code(s)** 2106C

### 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>	+359 2 9154 233	<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>Ireland</b>	353 (1) 809-2166/-2566	<b>Italy</b>	+39 (0)55 7947819
<b>Latvia</b>	+371 67042473	<b>Lithuania</b>	+370 (85) 2362052
<b>Luxembourg</b>	(+352) 8002 5500	<b>Malta</b>	21224071
<b>Netherlands</b>	+31 (0)30-2748888 <sup>[*2]</sup>	<b>Poland</b>	42 25 38-421/-422/-406
<b>Portugal</b>	+351 800 250 250	<b>Romania</b>	+40 21 318 36 06
<b>Slovakia</b>	+421 2 5477 4166	<b>Slovenia</b>	112
<b>Spain</b>	+34 91 562 04 20	<b>Sweden</b>	112 <sup>[*3]</sup>
<b>United Kingdom</b>	+44 121 507 4123	<b>Iceland</b>	112
<b>Liechtenstein</b>	145	<b>Norway</b>	+47 22 59 13 00
<b>Switzerland</b>	145		

\*1 Kontakt Giftlinien 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
Glycol	CBI	CBI	CBI	15 - 20	None	
Glycerin	56-81-5	200-289-5	None	5 - 10	None	
Substituted naphthol azo dye	CBI	CBI	CBI	1 - 5	Eye Irrit. 2 (H319) Aquatic Chronic 2 (H411)	
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

In case a safety data sheet supplied under (EC) No 1907/2006 Article 31-3 is necessary, please contact us.

**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**

**Inhalation**

None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

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<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 firefighters**

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 56-81-5	None	None	TWA: 10 mg/m <sup>3</sup>	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup>	None	TWA: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TRGS TWA: 200 mg/m <sup>3</sup> inhalable fraction DFG TWA: 200 mg/m <sup>3</sup> inhalable fraction Ceiling / Peak: 400 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	None	None	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> inhalable fraction	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 11 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> mist
Chemical name	Sweden	United Kingdom	Norway	Switzerland	Turkey
Glycerin 56-81-5	None	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 50 mg/m <sup>3</sup> inhalable dust STEL: 100 mg/m <sup>3</sup> inhalable dust	None

**8.2. Exposure controls**

**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**

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

**Appearance** Black ; Liquid  
**Odor** Slight odor  
**Odor threshold** No data available  
**pH** 6 - 9  
**Melting/freezing point (°C)** No data available  
**Boiling point/range (°C)** No data available

Flash point (°C)	> 93.0°C (Tag. Closed Cup.); estimated
Evaporation rate	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
Auto-ignition 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	Mild irritant (Estimate) (OECD Guideline)
Sensitization	Not classified based on the classification criteria under UN GHS (OECD Guideline)
Germ cell mutagenicity	Ames test: Negative

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<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

### 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

14.1. UN number None

14.2. UN proper shipping name None

14.3. Transport hazard class None

14.4. Packing group None

**14.5. Environmental hazards** Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.

**14.6. Special precautions for users** 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
(EU) 2019/1021	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 SECTION 2 and 3

H319 - Causes serious eye irritation  
H411 - Toxic to aquatic life with long lasting effects

### 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, (EU) 2019/1021, (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, 2009/161/EU, (EU) 2017/164 and (EU) 2019/1831.
- 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

Issuing date : 19-Apr-2017

Revision date : 18-Dec-2020

Revision note SECTION 3, 9, 11, and 16 revised

This product falls under (EC) No 1907/2006 Article 31-3.

### Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its

publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.



Issuing date : 19-Apr-2017  
 Revision date : 31-Aug-2018

SDS #: ICW 1790 R - 03 EU EN  
 Version : 03

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

### 1.1. Product Identifier

**Product name** Canon Ink Tank CLI-581< C >  
**Product Code(s)** 2103C

### 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 [*1]	<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 [*2]
<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 [*3]	<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 Giftlinien 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
Glycol	CBI	CBI	CBI	10 - 15	None	
Glycerin	56-81-5	200-289-5	None	5 - 10	None	
Urea compound	CBI	CBI	CBI	5 - 10	Eye Irrit. 2 (H319)	
Substituted phthalocyanine salt	CBI	CBI	CBI	1 - 5	Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	
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

In case a safety data sheet supplied under (EC) No 1907/2006 Article 31-3 is necessary, please contact us.

**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 56-81-5	None	None	TWA: 10 mg/m <sup>3</sup>	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> 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> inhalable fraction Ceiling / Peak: 400 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	None	TWA: 10 mg/m <sup>3</sup> mist STEL: 30 mg/m <sup>3</sup> mist	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> 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 56-81-5	None	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 50 mg/m <sup>3</sup> inhalable dust STEL: 100 mg/m <sup>3</sup> 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>	Cyan ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	7 - 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	Minimal 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**

H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H412 - Harmful to aquatic life with long lasting effects

**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 and (EU) 2017/2398, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164.  
- 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

**Issuing date :** 19-Apr-2017  
**Revision date :** 31-Aug-2018  
**Revision Note** SECTION 3 and 16 revised

**This product falls under (EC) No 1907/2006 Article 31-3.**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Issuing date : 19-Apr-2017  
 Revision date : 31-Aug-2018

SDS #: ICW 1792 R - 03 EU EN  
 Version : 03

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

### 1.1. Product Identifier

**Product name** Canon Ink Tank CLI-581< Y >  
**Product Code(s)** 2105C

### 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 [*1]	<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 [*2]
<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 [*3]	<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 Giftlinien 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
Glycol	CBI	CBI	CBI	10 - 15	None	
Glycerin	56-81-5	200-289-5	None	5 - 10	None	
Urea compound	CBI	CBI	CBI	5 - 10	Eye Irrit. 2 (H319)	
Thiadiazole Azo dye	CBI	CBI	CBI	1 - 5	Eye Irrit. 2 (H319)	
Azo dye	CBI	CBI	CBI	1 - 5	Aquatic Chronic 3 (H412)	
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

In case a safety data sheet supplied under (EC) No 1907/2006 Article 31-3 is necessary, please contact us.

**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 56-81-5	None	None	TWA: 10 mg/m <sup>3</sup>	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> 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> inhalable fraction Ceiling / Peak: 400 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	None	TWA: 10 mg/m <sup>3</sup> mist STEL: 30 mg/m <sup>3</sup> mist	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> 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 56-81-5	None	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 50 mg/m <sup>3</sup> inhalable dust STEL: 100 mg/m <sup>3</sup> inhalable dust	None

**8.2. Exposure controls**

**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**

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

**Appearance** Yellow ; Liquid  
**Odor** Slight odor  
**Odor threshold** No data available  
**pH** 7 - 8  
**Melting/Freezing point (°C)** No data available  
**Boiling Point/Range (°C)** No data available  
**Flash Point (°C)** > 93.0°C (Tag. Closed Cup.); estimated  
**Evaporation Rate** 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	Minimal 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**

H319 - Causes serious eye irritation  
H412 - Harmful to aquatic life with long lasting effects

**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 and (EU) 2017/2398, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164.
- 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

**Issuing date :** 19-Apr-2017  
**Revision date :** 31-Aug-2018  
**Revision Note** SECTION 3 and 16 revised

**This product falls under (EC) No 1907/2006 Article 31-3.**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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

### 1.1. Product identifier

**Product name** Canon Ink Tank PGI-580< PGBK >  
**Product code(s)** 2078C

### 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>	+359 2 9154 233	<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>Ireland</b>	353 (1) 809-2166/-2566	<b>Italy</b>	+39 (0)55 7947819
<b>Latvia</b>	+371 67042473	<b>Lithuania</b>	+370 (85) 2362052
<b>Luxembourg</b>	(+352) 8002 5500	<b>Malta</b>	21224071
<b>Netherlands</b>	+31 (0)30-2748888 <sup>[*2]</sup>	<b>Poland</b>	42 25 38-421/-422/-406
<b>Portugal</b>	+351 800 250 250	<b>Romania</b>	+40 21 318 36 06
<b>Slovakia</b>	+421 2 5477 4166	<b>Slovenia</b>	112
<b>Spain</b>	+34 91 562 04 20	<b>Sweden</b>	112 <sup>[*3]</sup>
<b>United Kingdom</b>	+44 121 507 4123	<b>Iceland</b>	112
<b>Liechtenstein</b>	145	<b>Norway</b>	+47 22 59 13 00
<b>Switzerland</b>	145		

\*1 Kontakt Giftlinien 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
Glycol	CBI	CBI	CBI	10 - 15	None	
Glycerin	56-81-5	200-289-5	None	5 - 10	None	
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

In case a safety data sheet supplied under (EC) No 1907/2006 Article 31-3 is necessary, please contact us.

**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**

**Inhalation**

None under normal use. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing.

**Ingestion**

None under normal use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.



**Skin contact** None under normal use.  
**Eye contact** None under normal use. May cause slight irritation.  
**Chronic effects** 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 firefighters**

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 56-81-5	None	None	TWA: 10 mg/m <sup>3</sup>	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup>	None	TWA: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TRGS TWA: 200 mg/m <sup>3</sup> inhalable fraction DFG TWA: 200 mg/m <sup>3</sup> inhalable fraction Ceiling / Peak: 400 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	None	None	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> inhalable fraction	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 11 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> mist
Chemical name	Sweden	United Kingdom	Norway	Switzerland	Turkey
Glycerin 56-81-5	None	TWA: 10 mg/m <sup>3</sup> mist	None	TWA: 50 mg/m <sup>3</sup> inhalable dust STEL: 100 mg/m <sup>3</sup> 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>	Black ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	7 - 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>	
Upper flammability limit	None; estimated
Lower flammability limit	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>Auto-ignition 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

## 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

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

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<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.

**14.6. Special precautions for users** 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
(EU) 2019/1021	Not regulated
(EU) No 649/2012	Not regulated
Other information	None

**15.2. Chemical safety assessment**

None

## SECTION 16: Other information

### 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, (EU) 2019/1021, (EU) No 649/2012

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- TWA: Time Weighted Average
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- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
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- CBI: Confidential Business Information

Issuing date : 19-Apr-2017

Revision date : 18-Dec-2020

Revision note SECTION 3 and 16 revised

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