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Version : 04

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

### 1.1. Product Identifier

**Product name** Canon Ink Bottle BCI-1101Y  
**Product Code(s)** 4457A

### 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 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

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Not classified

## 2.2. Label Elements

### Labelling according to Regulation (EC) No 1272/2008

Contains C.I. Direct Yellow 173.

May produce an allergic reaction.

Contains less than 30% of components with unknown hazards to the aquatic environment.

### Hazard pictograms

Not required

### Signal word

Not required

### Hazard statements

Not required

### Precautionary Statements - EU (§28, 1272/2008)

Not required

### Other Information

None

## 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 (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Glycerin	56-81-5	200-289-5	None	5 - 10	None	None	None
Thiodiglycol	111-48-8	203-874-3	None	1 - 5	Xi; R36	Xi - Irritant	Eye Irrit. 2 (H319)
Isopropyl alcohol	67-63-0	200-661-7	None	1 - 5	F; R11 Xi; R36 R67	F - Highly flammable Xi - Irritant	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Irrit. 2 (H319)
C.I. Direct Yellow 173 - The substance name is stated in SECTION 16	NONE	414-410-6	None	1 - 5	Xi; R41 R43	Xi - Irritant	Eye Dam. 1 (H318) Skin Sens. 1 (H317)
Ammonia derivative	CBI	CBI	None	5 - 10	None	None	None
Water	7732-18-5	231-791-2	None	60 - 80	None	None	None

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 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>, dry chemical, or foam, Water.

**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
Isopropyl alcohol 67-63-0	None	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 800 ppm STEL: 2000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	TWA: 980.0 mg/m <sup>3</sup> STEL: 1225.0 mg/m <sup>3</sup>	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: 50 mg/m <sup>3</sup> inhalable fraction Ceiling / Peak: 100 mg/m <sup>3</sup> inhalable fraction
Isopropyl alcohol 67-63-0	TWA: 500 mg/m <sup>3</sup> Ceiling: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>	TRGS TWA: 200 ppm TRGS TWA: 500 mg/m <sup>3</sup> DFG TWA: 200 ppm DFG TWA: 500 mg/m <sup>3</sup> Ceiling / Peak: 400 ppm Ceiling / Peak: 1000 mg/m <sup>3</sup>
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	None	None
Isopropyl alcohol 67-63-0	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>	TWA: 500 mg/m <sup>3</sup> STEL: 2000 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	None	None
Chemical name	Poland	Portugal	Romania	Slovakia	Spain
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> aerosol	TWA: 10 mg/m <sup>3</sup> mist	None	None	TWA: 10 mg/m <sup>3</sup> mist
Isopropyl alcohol 67-63-0	TWA: 900 mg/m <sup>3</sup> STEL: 1200 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm	TWA: 81 ppm TWA: 200 mg/m <sup>3</sup> STEL: 203 ppm STEL: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>
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 STEL: 100 mg/m <sup>3</sup> inhalable	None
Isopropyl alcohol 67-63-0	TLV: 150 ppm TLV: 350 mg/m <sup>3</sup> STEL: 250 ppm STEL: 600 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 999 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 150 ppm STEL: 306.25 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	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>	Yellow ; Liquid
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	9 - 11
<b>Melting/Freezing point (°C)</b>	No data available
<b>Boiling Point/Range (°C)</b>	No data available
<b>Flash Point (°C)</b>	52.2 (Tag. Closed Cup. Combustion is not sustainable.) (Estimate)
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not flammable
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	No data available
<b>Lower Flammability Limit</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative density</b>	1.0 - 1.1
<b>Solubility(ies)</b>	Water; miscible
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition Temperature (°C)</b>	No data available
<b>Decomposition Temperature (°C)</b>	No data available
<b>Viscosity (mPa s)</b>	1 - 5
<b>Explosive properties</b>	None; estimated
<b>Oxidizing properties</b>	None; estimated

### 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>	Mild 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

### 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>	No special environmental precautions required.
<b><u>14.6. Special Precautions for users</u></b>	None
<b><u>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</u></b>	Not Applicable

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<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>Other Information</b>	None

#### **15.2. Chemical safety assessment**

None

### **SECTION 16: Other information**

#### **SECTION 3 Ingredient(s) / substance name**

"C.I. Direct Yellow 173":

5-(4-[4-(3,5-dicarboxy-phenyl-azo)phenylamino]-6-morpholin-4-yl-1,3,5-triazin-2-ylamino]phenylazo)isophthalic acid, mixed monosodium and diammonium salt

**Full text of R-phrases referred to under sections 2 and 3**

R11 - Highly flammable  
R36 - Irritating to eyes  
R41 - Risk of serious damage to eyes  
R43 - May cause sensitization by skin contact  
R67 - Vapors may cause drowsiness and dizziness

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

H225 - Highly flammable liquid and vapor  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

**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 Directive 1999/45/EC  
- 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  
- IARC: International Agency for Research on Cancer  
- EU OEL: Occupational exposure limits at Community 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  
- CBI: Confidential Business Information

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**Revision Note** Entirely revised

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

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