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

1.1. Product Identifier

Product name: Canon Ink Tank BCI-15 Black
Product Code(s): 8190A

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
Importers
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

<table>
<thead>
<tr>
<th>Country</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>+43 (0) 1 406 43 43</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>112</td>
</tr>
<tr>
<td>Cyprus</td>
<td>1401</td>
</tr>
<tr>
<td>Denmark</td>
<td>+45 82 12 12 12 [*1]</td>
</tr>
<tr>
<td>Finland</td>
<td>+358 (0)9 471977</td>
</tr>
<tr>
<td>Greece</td>
<td>+30 210 7793777</td>
</tr>
<tr>
<td>Italy</td>
<td>+39 (0)55 7947819</td>
</tr>
<tr>
<td>Lithuania</td>
<td>+370 687 53378</td>
</tr>
<tr>
<td>Malta</td>
<td>112</td>
</tr>
<tr>
<td>Poland</td>
<td>112</td>
</tr>
<tr>
<td>Romania</td>
<td>+40 21 318 36 06</td>
</tr>
<tr>
<td>Slovenia</td>
<td>112</td>
</tr>
<tr>
<td>Sweden</td>
<td>112 [*3]</td>
</tr>
<tr>
<td>Iceland</td>
<td>112</td>
</tr>
<tr>
<td>Norway</td>
<td>+47 22 59 13 00</td>
</tr>
</tbody>
</table>

*1 Kontakt Giftilinien 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>EC-No</th>
<th>REACH registration number</th>
<th>Weight %</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Note to Other Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>200-289-5</td>
<td>None</td>
<td>5 - 10</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Diethylene glycol</td>
<td>111-46-6</td>
<td>203-872-2</td>
<td>None</td>
<td>5 - 10</td>
<td>Acute Tox. 4 (H302) STOT RE 2 (kidney) (H373)</td>
<td></td>
</tr>
<tr>
<td>Ammonium benzoate</td>
<td>1863-63-4</td>
<td>217-468-9</td>
<td>None</td>
<td>1 - 5</td>
<td>Eye Irrit. 2 (H319)</td>
<td></td>
</tr>
<tr>
<td>Triol</td>
<td>CBI</td>
<td>CBI</td>
<td>CBI</td>
<td>5 - 10</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>1,2-benzisothiazol-3(2H)-one</td>
<td>2634-33-5</td>
<td>220-120-9</td>
<td>None</td>
<td>&lt; 0.05</td>
<td>Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>None</td>
<td>60 - 80</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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

**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

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**SECTION 5: Firefighting measures**

5.1. Extinguishing media

**Suitable extinguishing media**
Use CO₂, 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 (CO₂), 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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EU OEL</th>
<th>Austria</th>
<th>Belgium</th>
<th>Bulgaria</th>
<th>Cyprus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>None</td>
<td>None</td>
<td>TWA: 10 mg/m³</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Diethylene glycol 111-46-6</td>
<td>None</td>
<td>TWA: 10 ppm</td>
<td>TWA: 44 mg/m³</td>
<td>None</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 40 ppm</td>
<td>STEL: 176 mg/m³</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Czech Republic</th>
<th>Denmark</th>
<th>Finland</th>
<th>France</th>
<th>Germany</th>
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<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>TWA: 10 mg/m³</td>
<td>None</td>
<td>TWA: 20 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>DFG TWA: 200 mg/m³ inhalable fraction Ceiling / Peak: 400 mg/m³ inhalable fraction</td>
</tr>
<tr>
<td>Diethylene glycol 111-46-6</td>
<td>None</td>
<td>TWA: 2.5 ppm</td>
<td>TWA: 11 mg/m³</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 115 ppm</td>
<td>TWA: 300 mg/m³</td>
<td>TWA: 10 ppm</td>
<td>TWA: 10 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Greece</th>
<th>Hungary</th>
<th>Ireland</th>
<th>Italy</th>
<th>Netherlands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>TWA: 10 mg/m³</td>
<td>None</td>
<td>TWA: 10 mg/m³ mist</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Diethylene glycol 111-46-6</td>
<td>None</td>
<td>None</td>
<td>TWA: 23 ppm</td>
<td>TWA: 100 mg/m³</td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STEL: 69 ppm</td>
<td>STEL: 300 mg/m³</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Poland</th>
<th>Portugal</th>
<th>Romania</th>
<th>Slovakia</th>
<th>Spain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>TWA: 10 mg/m³ inhalable fraction</td>
<td>TWA: 10 mg/m³ mist</td>
<td>None</td>
<td>None</td>
<td>TWA: 10 mg/m³ mist</td>
</tr>
<tr>
<td>Diethylene glycol 111-46-6</td>
<td>TWA: 10 mg/m³ inhalable aerosol fraction</td>
<td>None</td>
<td>TWA: 115 ppm</td>
<td>TWA: 10 mg/m³</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical name</td>
<td>Sweden</td>
<td>United Kingdom</td>
<td>Norway</td>
<td>Switzerland</td>
<td>Turkey</td>
</tr>
<tr>
<td>Glycerin 56-81-5</td>
<td>None</td>
<td>TWA: 10 mg/m³ mist</td>
<td>None</td>
<td>TWA: 50 mg/m³ inhalable dust</td>
<td>None</td>
</tr>
</tbody>
</table>

EU EN
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Black; Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight odor</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>ca. 8</td>
</tr>
<tr>
<td>Melting/Freezing point (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point/Range (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>&gt; 93.0 (Tag. Closed Cup.)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>None; estimated</td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>None; estimated</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>None; estimated</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.0 - 1.1</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Water: miscible</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>None; estimated</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity (mPa s)</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>None; estimated</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>None; estimated</td>
</tr>
</tbody>
</table>

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 (CO₂), 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
Reproductive Toxicity No data available
STOT - single exposure No data available
STOT - repeated exposure No data available
Aspiration hazard No data available
Other Information 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
(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
H373 - May cause damage to organs through prolonged or repeated exposure
H400 - Very toxic to aquatic life
Key literature references and sources for data

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
- 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

Issuing date : 14-Nov-2002
Revision date : 28-Feb-2017
Revision Note : Entirely revised

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

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