SECTION 1: Product and company identification

Product identifier

Product name  Canon Ink Tank CLI-281XL< BK >
Product code(s)  2037C
Use  Ink for Ink Jet Printer

Details of the supplier of the safety data sheet

Supplier
Canon USA, Inc.
One Canon Park, Melville, NY 11747, USA
Phone number: 1-800-OK-CANON
Emergency phone number: 24 Hr. Emergency CHEMTREC # 1-800-424-9300

Canon Canada Inc.
8000 Mississauga Road, Brampton, Ontario L6Y 5Z7, Canada
Phone number: (1) 905-863-8000
Emergency phone number: 24 Hr. Emergency CHEMTREC # 1-800-424-9300

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

SECTION 2: Hazards identification

Emergency overview
Ink tank containing black liquid ink with slight odor.

Classification under FHSA
Not classified

US Label elements under FHSA

Symbol
Not required

Signal word
Not required

Hazard statements
Not required

Precautionary statements
Not required

Other information
None

Other hazards which do not result in classification
None
SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycol</td>
<td>CBI</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60 - 80</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

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.

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.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

**Extinguishing media**

**Suitable extinguishing media**

Use CO₂, water, dry chemical, or foam.

**Unsuitable extinguishing media**

None

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

**Special hazard**

None

**Hazardous combustion products**

Carbon dioxide (CO₂), Carbon monoxide (CO)

Advice for firefighters

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

Environmental precautions

Keep out of waterways.

Methods and material for containment and cleaning up

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

Other information

None

SECTION 7: Handling and storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from direct sunlight. Keep away from heat and sources of ignition.

SECTION 8: Exposure controls/personal protection

Exposure guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>TWA: 15 mg/m³ mist, total particulate</td>
<td>TWA: 5 mg/m³ mist, respirable fraction</td>
</tr>
</tbody>
</table>

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.

SECTION 9: Physical and chemical properties

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>6 - 9</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°C (Tag. Closed Cup.); estimated</td>
</tr>
</tbody>
</table>
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

**Other information**
No data available

**SECTION 10: Stability and reactivity**

**Reactivity**
None

**Chemical stability**
Stable

**Possibility of hazardous reactions**
None

**Conditions to avoid**
None

**Incompatible materials**
Acids, Bases, Oxidizing agents, Reducing agents.

**Hazardous decomposition products**
Carbon dioxide (CO₂), Carbon monoxide (CO), and/or Ammonia.

**SECTION 11: Toxicological information**

**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
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

Toxicity

Ecotoxicity effects
No data available

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

Other adverse effects
No data available

SECTION 13: Disposal considerations

Waste treatment methods
Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN number  None
UN proper shipping name  None
Transport hazard class  None
Packing group  None

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

Special precautions for users  IATA: Not regulated
SECTION 15: Regulatory information

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

TSCA Sec. 4,5,6,7,8,12b  This product contains substance(s) which are subject to TSCA Section 5(e) Consent Order and Section 5(a)(2) Significant New Use Rule. According to this order, do not use this product other than as inkjet printer ink. Also, do not release this product into the waters of United State. (See SECTION 13)

This product is subject to TSCA Section 12(b) export notification requirements. If you need more information about TSCA Section 12(b), please contact us.

SARA Title III Sec. 313  None
California Proposition 65  None
CEPA Sec. 81  None (Manufactured Item)
HPA (WHMIS)  None (Manufactured Article)
Other information  None

SECTION 16: Other information

Key literature references and sources for data
- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Environmental Protection Agency, 40CFR Part 700-799
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- Environment and Climate Change Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Hazardous Products Regulations
- Canada Workplace Hazardous Materials Information System

Key or legend to abbreviations and acronyms used in the safety data sheet
- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- TSCA: Toxic Substances Control Act
- SARA Title III: SARA Title III of the Superfund Amendments and Reauthorization Act of 1986
- Proposition 65: Safe Drinking Water and Toxic Enforcement Act of 1986
- CEPA: Canadian Environmental Protection Act, 1999
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- CBI: Confidential Business Information

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Revision note  SECTION 9 and 11 revised
Disclaimer
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