SECTION 1: Product and company identification

Product Identifier

Product name  Canon Ink Tank CLI-221C
Product Code(s)  2947B
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 cyan 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>10 - 15</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Urea compound</td>
<td>CBI</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Copper compound</td>
<td>CBI</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

Special protective equipment for fire-fighters
None

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</td>
<td>TWA: 15 mg/m³, total particulate</td>
<td>None</td>
</tr>
<tr>
<td>56-81-5</td>
<td>TWA: 5 mg/m³, respirable fraction</td>
<td></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>Cyan; 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>7 - 10</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>--------------------------------------------</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>
<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></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>Other Information</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Mild irritant (OECD Guideline)</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Minimal irritant (OECD Guideline)</td>
</tr>
<tr>
<td>Sensitization</td>
<td>Non-sensitizer (OECD Guideline)</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Ames test: Negative</td>
</tr>
</tbody>
</table>
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
Transport in bulk according to Annex II of MARPOL and the IBC Code
Not Applicable
SECTION 15: Regulatory information

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

TSCA Sec. 4,5,6,7,8,12b  None
SARA Title III Sec. 313  “Copper Compounds” : 5 - 10 Weight % (as Cu : < 0.35 Weight %)
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 Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Controlled 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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