SECTION 1  IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name:** Canon Ink Tank BCI-24Black / Canon Ink Tank BCI-24Black Twin Pack  
**Product Code:** 6881A  
**Manufacturer:** Canon Inc., 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, Ph # 03-3758-2111  
**Supplier:** Canon USA, Inc., One Canon Plaza, Lake Success, NY, 11042, USA  
**Phone #:** 1-800-OK-CANON  
24 Hr. Emergency CHEMTREC # 1-800-424-9300

SECTION 2  COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name / Generic name</th>
<th>CAS # / EC #</th>
<th>Weight %</th>
<th>EU Symbol/ R-Phrase</th>
<th>USA OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EU ILV</th>
<th>DFG MAK</th>
</tr>
</thead>
</table>
| Glycerin                    | 56-81-5 / 200-289-5 | 5 - 10 | None / None | (as mist) Total dust TWA = 15 mg/m³  
Respirable fraction TWA = 5 mg/m³ | (as mist) TWA = 10 mg/m³ | Not established | Not established |
| Diethylene glycol           | 111-46-6 / 203-872-2 | 2 - 6 | Xn / R22 | Not established | Not established | Not established | 10 ppm, 44 mg/m³ |
| Ammonium benzoate           | 1863-63-4 / 217-468-9 | 1 - 3 | Xi / R36 | Not established | Not established | Not established |
| Triol                       | Confidential | 5 - 10 | None / None | Not established | Not established | Not established |
| Water                       | 7732-18-5 / 231-79-12 | 60 - 80 | None / None | Not established | Not established | Not established |

**Date of Issue:** June 18, 2001  
**Revised:** April 9, 2003
No component of this ink is listed as a human carcinogen or a potential carcinogen in IARC Monographs, NTP, OSHA regulations or Annex I to Directive 67/548/EEC.

SECTION 3 HAZARDS IDENTIFICATION

Potential Health Effects and Symptoms:

Inhalation:
No adverse effects are expected under intended use.
Over exposure to vapor or mist may cause respiratory tract irritation, cough, dizziness, drowsiness, headache and nausea.

Ingestion:
May cause abdominal pain, diarrhea, dizziness, drowsiness, dullness, headache, nausea and vomiting.

Eye:
May cause minimal irritation. (See SECTION 11)

Skin:
Neither irritation nor sensitization is expected. (See SECTION 11)

Chronic Effects:
Not identified

Medical Conditions Generally known to be Aggravated by Exposure:
Not identified

SECTION 4 FIRST AID MEASURES

First Aid Measures:

Inhalation:
If symptoms are experienced, move victim to fresh air and obtain medical advice.

Ingestion:
Rinse mouth. Give one or two glasses of water.
If irritation or discomfort occurs, obtain medical advice immediately.

Eye:
Immediately flush with lukewarm, gently flowing water for 5 minutes or until the chemical is removed.
If irritation persists, obtain medical advice immediately.

Skin:
Wash with water and soap or mild detergent.
If irritation persists, obtain medical advice.

Note to Physicians:
None
SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media:
- CO₂, water, foam or dry chemicals

Unsuitable Extinguishing Media:
- None

Special Fire Fighting Procedures:
- None

Unusual Fire and Explosion Hazards:
- None

Fire and Explosive Properties (See also Section 9):
- Hazardous Combustion Products:
  - CO, CO₂, and NOx

Other Properties:
- None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:
- Avoid contact with skin, eyes and clothing.

Environmental Precautions:
- Do not release to sewer, surface water or ground water.

Method for Cleaning Up:
- Wipe off with wet cloth or paper.

SECTION 7 HANDLING AND STORAGE

Handling:
- Use with adequate ventilation.
- In case of contact, wash out the contaminated area immediately.

Storage:
- Keep in a cool and dry place.
- Protect from sunlight.
- Keep out of the reach of children.

Specific Uses:
- Ink for Ink Jet Printer.
  - For more information, please refer to the instruction of this product.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:
- Not established for this ink. (See also SECTION 2)

Engineering Controls:
- Use adequate ventilation.

Personal Protection Equipment(s):
- Respiratory Protection: 
  - [ ] Required
  - [x] Not Required
- Eye/Face Protection: 
  - [ ] Required
  - [x] Not Required
- Skin Protection: 
  - [ ] Required
  - [x] Not Required
SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black liquid
Odor: Slight odor
pH: 7.7 - 8.3
Boiling Point/Range(°C): Not available
Melting Point/Range(°C): Not available
Decomposition Temperature(°C): Not available
Flash Point(°C): Estimate: None
Flammable ( Explosive) Limits: Not available
Autoignition Temperature(°C): Not available
Flammability: Neither flammable nor combustible.
Explosive Properties: None
Oxidizing Properties: None
Vapor Pressure: Not available
Vapor Density: Not available
Density / Specific Gravity: 1.04 - 1.10
Water Solubility: Miscible
Fat Solubility: Not available
Partition Coefficient (n-Octanol/Water): Not available
Percent Volatile (%): 60 - 80
Evaporation Rate: Not available
Viscosity (mPa s): 1.8 - 2.5

SECTION 10 STABILITY AND REACTIVITY

Stability: ☒ Stable
☐ Unstable

Conditions to Avoid: None

Materials to Avoid: Acids, bases, oxidizing materials and reducing agents

Hazardous Decomposition Products: CO, CO₂, NOx and Ammonia

Hazardous Polymerization: ☒ Will Not Occur
☐ May Occur

Conditions to Avoid: None
SECTION 11  TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation: Not available

Ingestion: Not available

Eye: [Data of similar composition ink] Minimal irritant (rabbit)
       OECD Guidelines No.405 (1987)
       92/69/EEC Method B5

Skin: [Data of similar composition ink] Non irritant (rabbit)
       OECD Guidelines No.404 (1992)
       92/69/EEC Method B4

Sensitization: [Data of similar composition ink] Non sensitizer (guinea pig)
               96/54/EC Method B6

Mutagenicity: Ames test : Negative (test strains: S.typhimurium & E.Coli)

Reproductive Toxicity: Not available

Carcinogenicity: Not available

Others: Not available

Date of Issue: June 18, 2001
Revised: April 9, 2003
SECTION 12 ECOLOGICAL INFORMATION

Mobility: Not available
Persistence / Degradability: Not available
Bioaccumulation: Not available
Ecotoxicity: Not available
Other Adverse Effects: Not available

SECTION 13 DISPOSAL CONSIDERATION

Method of Disposal:
Disposal should be subject to federal, state and local laws.

SECTION 14 TRANSPORT INFORMATION

UN #: None
UN Shipping Name: None
UN Classification: None
UN Packing Group: None
Marine Pollutant: ☒ Yes  Chemical name (wt%):  ☐ No
Special Precautions: None

SECTION 15 REGULATORY INFORMATION

< EU Information >
Information on the Label:
Symbol & Indication: Not required
R-Phrase: Not required
S-Phrase: Not required
Dangerous Component(s):
None
Special Precautions under 1999/45/EC Annex V:
Not required

Specific Provisions in Relation to Protection of Man or the Environment:
76/769/EEC: Not regulated
(EC)2037/2000: Not regulated
(EC)304/2003: Not regulated
Others: None

Date of Issue: June 18, 2001  Revised: April 9, 2003
< USA Information >

Information on the Label under FHSA:
Signal Word: Not required

Hazard warning: Not required

Safety Advice: Not required

Hazardous Component(s):
None

SARA Title III §313:
Chemical Name Weight %
None

California Proposition 65:
Chemical Name Weight %
None

< Revised information from the previous version>
Entirely revised.

< Canada Information >

WHMIS Controlled Product: Not applicable (Manufactured article)

< Australia Information >

Statement of Hazardous Nature: Not classified as hazardous according to criteria of NOHSC.

SECTION 16 OTHER INFORMATION

<R phrase list>
R22 : Harmful if swallowed.
R36 : Irritating to eyes.

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Literature Reference:
- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- 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
- DFG, List of MAK and BAT Values
- Canada Workplace Hazardous Materials Information System

Abbreviations:
- EU: European Union.
- 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.
- DFG MAK: MAK(Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.
- TWA: Time Weighted Average.
- NTP: National Toxicology Program (USA).
- FHSA: Federal Hazardous Substances Act (USA).

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