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

**Product Name:** Canon Ink Cartridge BJI-201 M  
**Product Code:** 0948A / F47-0501, F47-0551, F47-1461  
**Manufacturer:** Canon Inc., 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, Phone # 03-3758-2111  
**Supplier:** Canon USA, Inc., One Canon Park, Melville, NY 11747, USA  
**Phone #:** 1-800-OK-CANON, 24 Hr. Emergency CHEMTREC # 1-800-424-9300

---

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<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 | Not established |
| Thiodiglycol  | 111-48-8/203-874-3           | 5 - 10      | Xi / R36  | Not established      | Not established | Not established | Not established | Not established |
| 1-Benzoylamino-7-(p-methyl-o-sulfophenylazo)-naphtalene-3,6-disulfonate trisodium salt | 92408-46-3/403-670-6 | 2 - 6 | None / R32/53 | Not established | Not established | Not established | Not established |
| Poly(oxy-1,2-ethanediyl), alpha-alpha-[1,4-dimethyl-1,4-bis[2-methylpropyl]-2-butyne-1,4-diy][bis]omega-hydroxy- | 9014-85-1/Not applicable | 1 - 3 | Xi / R41 | Not established | Not established | Not established | Not established |
| Ammonia derivative | Confidential | 5 - 10 | None / None | Not established | Not established | Not established | Not established |
| Water         | 7732-18-5/231-791-2          | 65 - 85     | None / None | Not established | Not established | Not established | Not established |

---

Date of Issue: December 7, 2001  
Revised: September 13, 2002
MARYSAFETY DATA SHEET

IC1146-0101

MATERIAL SAFETY DATA SHEET

Product Code: 0948A

SECTION 3  HAZARDS IDENTIFICATION

EU Classification:
Not classified as dangerous.

Emergency Overview:
Ink cartridge containing magenta liquid ink with slight odor.

Potential Health Effects and Symptoms:

Inhalation:
No adverse effects are expected under intended use.
Glycerin mist may cause physical irritation and difficulty breathing.

Ingestion:
Ingestion of glycerin may cause headache, nausea, dizziness, vomiting, drowsiness, abdominal pain and dullness.

Eye:
May cause minimal irritation based on the animal test data of this ink. (See SECTION 11)

Skin:
May cause mild irritation and no sensitization based on the animal test data of this ink. (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 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, NOx and SOx

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:
Avoid contact with skin, eyes and clothing. When contact, wash out immediately.
Use with adequate ventilation.

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. (Also refer to SECTION 2)

Engineering Controls:
Use adequate ventilation.

Personal Protection Equipment(s):

Respiratory Protection:
☐ Required
☒ Not Required

Eye/Face Protection:
☐ Required
☒ Not Required

Skin Protection:
☐ Required
☒ Not Required

Date of Issue: December 7, 2001
Revised: September 13, 2002
SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Magenta liquid
Odor: Slight odor
pH: 7.0 - 9.5
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 (%): 65 - 85
Evaporation Rate: Not available
Viscosity (mPa s): 1.6 - 2.2

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, Ammonia and SOₓ

Hazardous Polymerization:

☐ May Occur
☒ Will Not Occur

Conditions to Avoid: None
SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation:
Not available

Ingestion:
Not available

Eye:
Minimal irritant, Maximum Group Mean Score = 8.7, Class 3 (rabbit)
OECD Guidelines No.405 (1987)
92/69/EEC Method B5

Skin:
Mild irritant, Primary Irritation Index = 0.2 (rabbit)
OECD Guidelines No.404 (1992)
92/69/EEC Method B5

Sensitization:
Non sensitizer, Sensitization rate = 0 % (0/10) (guinea pig)
96/54/EC Method B6

Mutagenicity:
Ames test : Negative (test strains: *S.typhimurium*)
Chromosome aberration test : Negative (test strains: *Human peripheral blood lymphocytes*)

Reproductive Toxicity:
Not available

Carcinogenicity:
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.

Others:
Not available

Date of Issue: December 7, 2001
Revised: September 13, 2002
SECTION 12 ECOLOGICAL INFORMATION

Mobility: Not available

Persistence / Degradability: Not available

Bioaccumulation: Not available

Ecotoxicity: 1-Benzoylamino-7-(p-methyl-o-sulfophenylazo)-naphthalene-3,6-disulfonate = trisodium salt (92408-46-3):

- Fish, Acute Toxicity Test: 96 hours LC50 > 1000 mg/l (Cyprinus carpio) OECD Guideline No.203(1984) & 84/449/EEC Method C1
- Alga, Growth Inhibition Test: The color of this substance inhibited cell growth. (Scenedesmus subspicatus) Direct exposure: 0-72 Hours EbC50 103 mg/l, 0-72 Hours ErC50 73 mg/l

NOEC: No Observed Effect Concentration

SECTION 13 DISPOSAL CONSIDERATION

Method of Disposal: Disposal may 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: 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
(EEC)2455/92: Not regulated
Others: None

Date of Issue: December 7, 2001
Revised: September 13, 2002
< USA Information >

Information on the Label under FHSA:

Signal Word: Not required

Hazard warning:
Not required

Safety Advice:
Not required

Hazardous Component(s):
Not required

SARA Title III §313:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

California Proposition 65:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

< 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>
R36: Irritating to eyes.
R41: Risk of serious damage to eyes.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<Revised information from the previous version>
Entirely revised.
The information, data and recommendations set forth herein (the "Information") are presented in good faith and are believed to be correct as of the date hereof. The company/manufacturer makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. Any use of the Information must be determined by the user to be in accordance with applicable Federal, state and local laws and regulations. In no event will the company/manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance upon the Information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.