

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

Product Name: CANON BJ CARTRIDGE BC-40 MAGENTA (FOR COLOR BUBBLE JET COPIER)

Product Code: F45-0161 / F45-0501      CLC10

Company Name: Canon Inc. **Distributor: Canon Australia Pty Ltd**

Address: 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146, Japan **1 Thomas Holt Drive,  
North Ryde NSW 2113**

Phone #: 03-3758-2111 **Ph: 02 9805 2000**

MSDS #: IC0074-0104

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredient(s)

Chemical Name	CAS #	Weight %	EU Symbol	EU R-Phrase
Glycerin	56-81-5	4-9	None	None

Isopropyl alcohol	67-63-0	2-5	No concern with health	No concern with health
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Chemical Name	USA OSHA PEL	ACGIH TLV
Glycerin	(as mist) Total dust TWA = 10 mg/m <sup>3</sup> Respirable fraction TWA = 5 mg/m <sup>3</sup>	(as mist) Total dust TWA = 10 mg/m <sup>3</sup>

Isopropyl alcohol	TWA = 400 ppm, 980 mg/m <sup>3</sup>	TWA = 400 ppm, 983 mg/m <sup>3</sup> STEL = 500 ppm, 1230 mg/m <sup>3</sup>
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Chemical Name	EU ILV	DFG MAK
Glycerin	none	None

Isopropyl alcohol	none	MAK = 400 ppm, 980 mg/m <sup>3</sup>
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**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS - Continued**

**Carcinogen**

Chemical Name	CAS #	Reference
None		

**Other Ingredient(s)**

Chemical/Generic Name	Weight %
Water	65-83
Water-soluble organic compound	4-9
Water-soluble organic solvent	4-9

**SECTION 3 HAZARDS IDENTIFICATION**

**Emergency Overview:** A Magenta color ink cartridge.  
 The ink is liquid mixture with slight odor.

**STATEMENT OF HAZARDOUS NATURE:** Not classified as hazardous according to the criteria on Worksafe Australia.

**Potential Health Effects and Symptoms:**

**Inhalation:** No effects are expected under intended use.  
 Over exposed to Isopropyl alcohol may cause headache, nausea, dizziness, etc..

**Ingestion:** Harmful if swallowed.  
 Ingestion of Isopropyl alcohol may cause headache, nausea, dizziness etc., like other organic solvent.

**Eye:** May cause slight irritation.

**Skin:** May cause slight irritation.

**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 person breathes in large amounts, move the exposed person to fresh air.  
 Get medical attention.

Ingestion: Give one or two glasses of water and obtain medical attention immediately.

Eye: Flush with plenty of water.  
 If irritation persists, get medical attention.

Skin: Wash with water and soap.  
 If irritation persists, get medical attention.

Note to Physicians: None

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Fighting Measures:

Extinguishing Media: CO<sub>2</sub>, Water or dry chemicals.

Unsuitable Extinguishing Media: None

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Fire and Explosive Properties:

Flash Point(°C): No data available

Flammable(Explosive) Limits: No data available

Autoignition Temperature(°C): No data available

Flammability: May be classified as combustible liquid under OSHA-HCS(USA) and non-flammable under 88/379/EEC(EU).

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**SECTION 5 FIRE FIGHTING MEASURES - Continued**

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## Fire and Explosive Properties - Continued:

Autoflammability: None

Explosive Properties: None

Oxidizing Properties: None

Hazardous Combustion Products: CO, CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>

Other Properties: none

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Personal Precautions: Avoid contact with skin and eyes.

Environmental Precautions: Recommended to keep away from drains, surface- and ground-water.

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

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**SECTION 7 HANDLING AND STORAGE**

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Handling: Avoid contact with hands, eyes, and clothing and when contact, wash out immediately.

Storage: Keep out of the reach of children.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Guidelines: Not established.  
 See SECTION 2

Engineering Controls: Use ventilation to keep airborne concentrations below the exposure limit.(See SECTION 2)

Personal Protection Equipment(s):

Respiratory Protection:  Required  Not Required

Eye/Face Protection:  Required  Not Required

Skin Protection:  Required  Not Required

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Magenta ink
Odor:	Slight odor
pH:	6-10
Boiling Point/Range(°C):	No data available
Melting Point/Range(°C):	No data available
Decomposition Temperature(°C):	No data available
Flash Point(°C):	No data available
Flammable (Explosive) Limits:	No data available
Autoignition Temperature(°C):	No data available
Flammability:	May be classified as combustible liquid under OSHA-HCS(USA) and non-flammable under 88/379/EEC(EU).
Autoflammability:	None
Explosive Properties:	None
Oxidizing Properties:	None
Vapor Pressure:	No data available
Vapor Density:	No data available
Density / Specific Gravity:	No data available
Water Solubility:	Miscible
Fat Solubility:	No data available
Partition Coefficient (n-Octanol/Water):	No data available
Percent Volatile:	No data available
Evaporation Rate:	No data available

**SECTION 10 STABILITY AND REACTIVITY**

Stability:  Stable  Unstable

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: CO, CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>

Hazardous Polymerization:  May Occur  Will Not Occur

Conditions to Avoid: None

**SECTION 11 TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

Inhalation: No data available

Ingestion: No data available

Eye: No data available

Skin: No data available

Sensitization: No data available

Mutagenicity: Negative (Test strains: s. typhimurium)

Reproductive Toxicity: No data available

**SECTION 11 TOXICOLOGICAL INFORMATION - Continued**

Carcinogenicity: No human carcinogen or potential carcinogen, according to IARC Monographs, NTP, OSHA(USA) regulation and EU Directive (Annex I to Directive 67/548/EEC).

Others: None

**SECTION 12 ECOLOGICAL INFORMATION**

Mobility: No data available

Persistence / Degradability: No data available

Bioaccumulation: No data available

Ecotoxicity: No data available

Other Adverse Effects: No data available

**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

Special Precautions: None

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**SECTION 15 REGULATORY INFORMATION**

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**EU Information:****Information on the Label:**Symbol & Not required  
Indication: \_\_\_\_\_R-Phrase: Not required  
\_\_\_\_\_S-Phrase: Not required  
\_\_\_\_\_Dangerous None  
Component(s): \_\_\_\_\_  
\_\_\_\_\_**Specific Provisions in Relation to Protection of Man or the Environment:**76/769/EEC: Not regulated  
\_\_\_\_\_(EC)3093/94: Not regulated  
\_\_\_\_\_(EEC)2455/92: Not regulated  
\_\_\_\_\_Others: None  
\_\_\_\_\_**USA Information:****Information on the Label:**Signal Word: Not required  
\_\_\_\_\_Hazard warning: Not required  
\_\_\_\_\_Safety Advice: Not required  
\_\_\_\_\_Hazardous None  
Component(s): \_\_\_\_\_  
\_\_\_\_\_**SARA Title III §313:**

Chemical Name \_\_\_\_\_

Weight % \_\_\_\_\_

None

**California Proposition 65:**

Chemical Name \_\_\_\_\_

Weight % \_\_\_\_\_

None

SECTION 16 OTHER INFORMATION

Other Information:

None

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
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- DFG, List of MAK and BAT Values
- EU Directive 76/769/EEC, 67/548/EEC, 88/379/EEC and their amendments.
- EU Regulation (EC)3093/94, (EEC)2455/92 and their amendments.

Abbreviations:

- "EU" stands for European Union.
- "OSHA PEL" stands for PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration.
- "ACGIH TLV" stands for TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.
- "EU ILV" stands for Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC.
- "DFG MAK" stands for MAK(Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.
- "TWA" stands for Time Weighted Average.
- "IARC" stands for International Agency for Research on Cancer.
- "NTP" stands for National Toxicology Program (USA).

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