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

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

Product Code: F45-0171 / F45-0511 CLC10

Company Name: Canon Inc.

Address: 30-2,Shimomaruko 3-Chome,Ohta-ku,Tokyo 146,Japan

Phone #: 03-3758-2111

MSDS #: IC0073-0104

Distributor: Canon Australia Pty Ltd
1 Thomas Holt Drive,
North Ryde NSW 2113
Ph: 02 9805 2000

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

Chemical Name	USA OSHA PEL	ACGIH TLV
Glycerin	(as mist) Total dust TWA = 10 mg/m^3 Respirable fraction TWA = 5 mg/m^3	(as mist) Total dust TWA=10 mg/m^3
Isopropyl alcohol	TWA = 400 ppm, 980 mg/m^3	TWA = 400 ppm, 983 mg/m^3 STEL= 500 ppm, 1230 mg/m^3

Chemical Name	EU ILV	DFG MAK
Glycerin	None	None
Isopropyl alcohol	None	MAK = 400 ppm, 980 mg/m^3

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 yellow 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 exposure 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_2, 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).

SECTION 5 FIRE FIGHTING MEASURES - Continued

Fire and Explosive Properties - Continued:

Autoflammability:	None
Explosive Properties:	None
Oxidizing Properties:	None
Hazardous Combustion Products:	CO, CO_2, NO_x and SO_x
Other Properties:	None

SECTION 6 ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 HANDLING AND STORAGE

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:	Yellow 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_2, NO_x and SO_x
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

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

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 Component(s):	None

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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