



MATERIAL SAFETY DATA SHEET

1. Chemical product and company identification

Product name CB302Series

Recommended use of the chemical and restrictions on use

Intended use Inkjet printing

Company identification Hewlett-Packard Japan, Ltd.
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Telephone (+81) 3 5628-1101

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-503-494-7199
HP Customer Care Line
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(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com
Poison Information Centre 0120-50-3024

2. Hazards identification

Physical hazards Not classified as a physical hazard.

Health hazards Not classified as a health hazard.

Environmental hazards Not classified as an environmental hazard.

Other hazards Complete toxicity data are not available for this specific formulation

3. Composition/information on ingredients

Substance or mixture Mixture

Components	CAS #	Percent
diethylene glycol monobutyl ether acetate	124-17-4	<100

4. First aid measures

If inhaled Remove to fresh air. If symptoms persist, get medical attention.

If on skin Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

If in eyes Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.

If swallowed If material is ingested, immediately contact a physician or poison control center.

Most important symptoms and effects No data available

5. Fire-fighting measures

Flash point 221.00 °F (105.00 °C) Pensky-Martens Closed Cup

Extinguishing media Dry chemical, CO₂, water spray or regular foam.

Extinguishing media to avoid high volume water jet

Protection of fire-fighters No data available.

6. Accidental release measures

Personal precautions, protective equipment and emergency measures Remove all sources of ignition. Wear appropriate personal protective equipment.

Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Clean-up methods and materials and containment measures Not available.

7. Handling and storage

Handling

Technical measures	Not available.
Local and general ventilation	Not available.
Precautions	Not available.
Safe handling advice	Not available.

Storage

Technical measures	Not available.
Suitable storage conditions	Not available.
Incompatible products	No data.
Safe packaging materials	Not available.

8. Exposure controls/personal protection

Recommended monitoring procedures

Additional exposure data	Exposure limits have not been established for this product.
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Engineering measures	Use in a well ventilated area.
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Personal protective equipment

Respiratory protection	Not available.
Hand protection	Not available.
Eye protection	Not available.
Skin and body protection	Not available.

Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.
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Personal protective equipment

General	Use personal protective equipment to minimize exposure to skin and eye.
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9. Physical and chemical properties

Appearance

Physical state	Not available.
Color	Not available.

Odor	Not available.
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Odor threshold	No information available.
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pH	Not available.
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Melting point/Freezing point	Not available.
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Boiling point, initial boiling point, and boiling range	476.6 °F (247 °C)
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Flash point	221.00 °F (105.00 °C) Pensky-Martens Closed Cup
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Auto-ignition temperature	Not available.
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Flammability limit - lower (%)	Not available.
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Flammability limit - upper (%)	Not available.
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Vapor pressure	0.0133 hPa @ 20°C
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Evaporation rate	not determined
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Specific gravity	0.98
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Solubility	6.5 % w/w
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Partition coefficient (n-octanol/water)	Not available.
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Decomposition temperature	Not available.
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Other data

Oxidizing properties Not determined
VOC (Weight %) < 980 g/L

10. Stability and reactivity

Stability Stable under recommended storage conditions.
Possibility of hazardous reactions Will not occur.
Conditions to avoid None.
Incompatible materials Strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalies.
Hazardous decomposition products Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

General information Not available.

Information on likely routes of exposure

Ingestion Not available.
Inhalation Not available.
Skin contact Not available.
Eye contact Not available.

Symptoms Not available.

Acute toxicity

Components	Species	Test Results
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diethylene glycol monobutyl ether acetate (CAS 124-17-4)

Acute*Dermal*

LD50	Rabbit	5500 mg/kg 14.8 ml/kg
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Inhalation

LC50	Rat	73.7 mg/l, 4 Hours
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Oral

LD50	Guinea pig	2340 mg/kg
	Mouse	6500 mg/kg
	Rabbit	2260 mg/kg
	Rat	6500 mg/kg

Carcinogenicity No data available.

Specific target organ toxicity - single exposure No data available.

Specific target organ toxicity - repeated exposure No data available.

Other information This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological information

Ecotoxicity No data available.

Aquatic toxicity This product has not been tested for ecological effects.

Mobility in soil No data available.

13. Disposal considerations

Contaminated packaging No special precautions.

Local disposal regulations Dispose of in compliance with federal, state, and local regulations. Do not allow this material to drain into sewers/water supplies.

14. Transport information

International regulations

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory information

Industrial Safety and Health Act

Specified substances regulation

Class 1 designated chemical substances

Not regulated.

Class 2 designated chemical substances

Not regulated.

Class 3 designated chemical substances

Not regulated.

Organic solvent regulation

Class 1 organic solvents

Not regulated.

Class 2 organic solvents

Not regulated.

Class 3 organic solvents

Not regulated.

Notifiable substances

Not regulated.

Labeling substances

Not regulated.

Poisonous and Deleterious Substances Control Act

Specified poisonous substances

Not regulated.

Poisonous substances

Not regulated.

Deleterious substances

Not regulated.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

Class I specified chemical substances

Not regulated.

Class II specified chemical substances

Not regulated.

Monitoring chemical substances

Not regulated.

Priority Assessment Chemical Substances (PACs)

Not regulated.

Reporting Exempted Substances

Not regulated.

Law concerning Pollutant Release and Transfer Register

Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 2 substances (substance name, ordinance number and content)

Not regulated.

Fire Service Act

Class 4 Group 3 oils (Non-water soluble) Hazard rank III

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Not regulated.

Air Law, Enforcement Rule

Not regulated.

Explosives Control Act

Not regulated.

High Pressure Gas Safety Act

Not regulated.

Act on Prevention of Marine Pollution and Maritime Disaster

Not regulated.

Waste Management and Public Cleansing Act

Not regulated.

Other information

All ingredients are listed on EINECS and/or ELINCS or exempt.

16. Other information

This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

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Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds