



1. Chemical and company identification

Name of chemical (Product name) CB308Series

Recommended use of the chemical and restrictions on use

Intended use Inkjet printing

Company identification HP Japan Inc.
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Version number 04

2. Hazards identification

GHS classification

Physical hazards

| | |
|--|-----------------------------|
| Explosives | Not applicable |
| Flammable gases (including chemically unstable gases) | Not applicable |
| Aerosols | Not applicable |
| Oxidizing gases | Not applicable |
| Gases under pressure | Not applicable |
| Flammable liquids | Not applicable |
| Flammable solids | Not applicable |
| Self-reactive substances and mixtures | Not applicable |
| Pyrophoric liquids | Not applicable |
| Pyrophoric solids | Not applicable |
| Self-heating substances and mixtures | Not applicable |
| Substances and mixtures which, in contact with water, emit flammable gases | Not applicable |
| Oxidizing liquids | Not applicable |
| Oxidizing solids | Not applicable |
| Organic peroxides | Not applicable |
| Corrosive to metals | Classification not possible |

Health hazards

| | |
|---|-----------------------------|
| Acute toxicity, oral | Not classified |
| Acute toxicity, dermal | Not classified |
| Acute toxicity, inhalation | Not applicable |
| Skin corrosion/irritation | Classification not possible |
| Serious eye damage/eye irritation | Classification not possible |
| Sensitization, respiratory | Classification not possible |
| Sensitization, skin | Classification not possible |
| Germ cell mutagenicity | Classification not possible |
| Carcinogenicity | Classification not possible |
| Reproductive toxicity | Classification not possible |
| Specific target organ toxicity, single exposure | Classification not possible |

| | | |
|------------------------------|--|-----------------------------|
| | Specific target organ toxicity, repeated exposure | Classification not possible |
| | Aspiration hazard | Not applicable |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Classification not possible |
| | Hazardous to the aquatic environment, long-term hazard | Classification not possible |

GHS label elements

| | |
|-------------------------|-------|
| Symbols | None. |
| Signal words | None. |
| Hazard statement | None. |

Precautionary statement

| | |
|-------------------|-------|
| Prevention | None. |
| Response | None. |
| Storage | None. |
| Disposal | None. |

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. |

5. Fire-fighting measures

| | |
|-------------------------------------|--|
| Flash point | 221.0 °F (105.0 °C) Pensky-Martens Closed Cup |
| Extinguishing media | Dry chemical, CO ₂ , water spray or regular foam. |
| Extinguishing media to avoid | high volume water jet |
| Specific methods | Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus for fire fighting if necessary. |

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. |
| Methods or materials for containment and cleaning up | Not available. |

7. Handling and storage

| | |
|--|----------------|
| Handling | |
| Technical measures (e.g. Local and general ventilation) | Not available. |
| Local and general ventilation | Not available. |
| Precautions | Not available. |
| Safe handling advice | Not available. |

Storage

| | |
|---------------------------------|----------------|
| Technical measures | Not available. |
| Safe storage conditions | Not available. |
| Safe packaging materials | Not available. |

8. Exposure controls/personal protection

Occupational exposure limits No exposure limits noted for ingredient(s).

Recommended monitoring procedures

Additional exposure data Exposure limits have not been established for this product.

Exposure guidelines Exposure limits have not been established for this product.

Engineering measures Use in a well ventilated area.

Personal protective equipment

Respiratory protection Not available.

Hand protection Not available.

Eye protection Not available.

Skin and body protection Not available.

General Use personal protective equipment to minimize exposure to skin and eye.

9. Physical and chemical properties

Appearance

Physical state Not available.

Color Not available.

Odor Not available.

pH Not available.

Melting point/Freezing point Not available.

Boiling point, initial boiling point, and boiling range 476.6 °F (247 °C)

Flash point 221.0 °F (105.0 °C) Pensky-Martens Closed Cup

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure 0.01 hPa @ 20°C

Solubility(ies)

Solubility (water) 6.5 % w/w

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity (Coefficient of viscosity) Not available.

Other information

Oxidizing properties Not determined

Specific gravity 0.98

VOC (Weight %) < 980 g/L

10. Stability and reactivity

Reactivity Not available.

Chemical 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 alkalis. |
| 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.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

diethylene glycol monobutyl ether acetate (CAS 124-17-4)

Acute

Dermal

| | | |
|------|--------|--------------------------|
| LD50 | Rabbit | 5500 mg/kg 14.8 ml/kg |
|------|--------|--------------------------|

Inhalation

| | | |
|------|-----|--------------------|
| LC50 | Rat | 73.7 mg/l, 4 Hours |
|------|-----|--------------------|

Oral

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

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

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

Persistence and degradability Not available.

Bioaccumulation Not available.

Mobility in soil Not available.

Hazardous to the ozone layer Not available.

13. Disposal considerations

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

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

Further information Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

15. Regulatory information

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.

Industrial Safety and Health Act**Notifiable substances**

Not regulated.

Labeling 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.

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 HP. Data is the most current known to HP 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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04

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Direct 1-650-857-5020

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 |