



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier CB308Series
Issue date 01-Jul-2013
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Version # 04
Product use Inkjet printing
Company identification HP Canada Co.
5150 Spectrum Way, Floor 6
Mississauga, Ontario, Canada L4W 5G1
Telephone 1-905-206-4725
or 1-888-447-4636

HP Inc. health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Inc. Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.
Label elements
Hazard symbol None.
Signal word None.
Hazard statement Not available.
Precautionary statement
Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.
Other hazards Complete toxicity data are not available for this specific formulation.

3. Composition / Information on Ingredients

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

Composition comments The components of this product have been evaluated in accordance with the hazard criteria of the Canada Hazardous Products Regulations (HPR).

4. First Aid Measures

First aid procedures
Eye contact Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
Inhalation Remove to fresh air. If symptoms persist, get medical attention.
Ingestion 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

| | |
|---|--|
| Flammable properties | Combustible liquid. Many liquids are lighter than water. |
| Extinguishing media | |
| Suitable extinguishing media | Dry chemical, CO ₂ , water spray or regular foam. |
| Unsuitable extinguishing media | high volume water jet |
| Fire fighting equipment/instructions | Not available. |
| 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. |
| Explosion data | |
| Sensitivity to static discharge | Not available. |
| Sensitivity to mechanical impact | Not available. |
| Hazardous combustion products | Refer to section 10. |

6. Accidental Release Measures

| | |
|----------------------------------|--|
| Personal precautions | 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 for cleaning up | Not available. |
| Other information | Use spark-proof tools and explosion-proof equipment. Soak up with inert absorbent material. Use personal protective equipment to minimize exposure to skin and eye. Dispose of in compliance with federal, state, and local regulations. |

7. Handling and Storage

| | |
|-----------------|--|
| Handling | Use spark-proof tools and explosion-proof equipment. Keep this product from heat, sparks, or open flame. Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Keep away from sources of ignition - No smoking. |
| Storage | Keep away from heat, sparks and flame. Keep away from oxidizers. Store at ambient temperature and atmospheric pressure. Keep away from excessive heat or cold. |

8. Exposure Controls / Personal Protection

| | |
|--------------------------------------|---|
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Personal protective equipment | |
| General | Use personal protective equipment to minimize exposure to skin and eye. |
| Exposure guidelines | Exposure limits have not been established for this product. |
| Engineering controls | Use in a well ventilated area. |
| Personal protective equipment | |
| Eye/face protection | Not available. |
| Skin protection | Not available. |
| Respiratory protection | Not available. |

9. Physical & Chemical Properties

| | |
|-------------------------------------|---|
| Appearance | |
| Physical state | Not available. |
| Color | Not available. |
| Odor | Not available. |
| Odor threshold | Not available. |
| pH | Not available. |
| Vapor pressure | 0.01 hPa @ 20°C |
| Boiling point | 476.6 °F (247 °C) |
| Melting point/Freezing point | Not available. |
| Solubility (water) | 6.5 % w/w |
| Specific gravity | 0.98 |
| Flash point | 221.0 °F (105.0 °C) Pensky-Martens Closed Cup |

| | |
|---|----------------|
| Flammability limits in air, upper, % by volume | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Auto-ignition temperature | Not available. |
| VOC | < 980 g/L |
| Evaporation rate | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Other data | |
| Oxidizing properties | Not determined |

10. Chemical Stability & Reactivity Information

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|---|---|
| Chemical stability | Stable under recommended storage conditions. |
| Conditions to avoid | Not available. |
| 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. |
| Possibility of hazardous reactions | Will not occur. |

11. Toxicological Information

Acute effects

| | |
|---|---|
| Skin irritation and corrosion | Not available. |
| Serious eye damage/eye irritation | Not available. |
| Respiratory or skin sensitization | |
| Skin sensitization | Not available. |
| Respiratory sensitization | Not available. |
| Carcinogenicity | Not available. |
| Germ cell mutagenicity | Not available. |
| Reproductive toxicity | Not available. |
| Specific target organ toxicity - single exposure | Not available. |
| Specific target organ toxicity - repeated exposure | Not available. |
| Aspiration hazard | Not available. |
| Further 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. |

Toxicological data

| Components | Species | Test Results |
|--|------------|--------------------------|
| diethylene glycol monobutyl ether acetate (CAS 124-17-4) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | 5500 mg/kg 14.8 ml/kg |
| <i>Inhalation</i> | | |
| LC50 | Rat | 73.7 mg/l, 4 Hours |
| <i>Oral</i> | | |
| LD50 | Guinea pig | 2340 mg/kg |
| | Mouse | 6500 mg/kg |
| | Rabbit | 2260 mg/kg |
| | Rat | 6500 mg/kg |

12. Ecological Information

| | |
|--------------------------------------|--|
| Environmental effects | Not available. |
| Aquatic toxicity | This product has not been tested for ecological effects. |
| Persistence and degradability | Not available. |
| Ecotoxicological data | No ecotoxicity data noted for the ingredient(s). |

13. Disposal Considerations

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

14. Transport Information

| | |
|----------------------------|--|
| 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

| | |
|--------------------------|---|
| Other information | All ingredients are listed on EINECS and/or ELINCS or exempt. |
|--------------------------|---|

16. Other Information

| | |
|---------------------------------|---|
| HMIS® ratings | Health: 1 Flammability: 2 Physical hazard: 0 |
| NFPA ratings | Health: 1 Flammability: 2 Instability: 0 |
| Disclaimer | 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. |
| Prepared by | HP Chemical Compliance & Toxicology Department |
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| Manufacturer information | HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 US 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 |