



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance/preparation** CB308Series  
**Issue date** 06-Mar-2017  
**Revision date** 18-Mar-2017  
**Version #** 03  
**Recommended use** Inkjet printing  
**Company identification** HP PPS Malaysia Sdn. Bhd.  
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## 2. HAZARDS IDENTIFICATION

**Physical hazards** Not classified.  
**Health hazards** Skin corrosion/irritation Category 2  
**Environmental hazards** Not classified.  
**GHS label elements**  
**Signal word** None.  
**Hazard symbols** None.  
**Hazard statement** None.  
**Precautionary statement**  
**Prevention** None.  
**Response** None.  
**Storage** None.  
**Disposal** None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

## 4. FIRST AID MEASURES

**Inhalation** Remove to fresh air. If symptoms persist, get medical attention.  
**Skin contact** Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.  
**Eye contact** Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists 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) Pinsky-Martens Closed Cup  
**Suitable extinguishing media** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Extinguishing media which must not be used for safety reasons** high volume water jet

<b>Unusual fire &amp; explosion hazards</b>	Combustible liquid. Many liquids are lighter than water.
<b>Specific methods</b>	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.
<b>Hazardous combustion products</b>	Refer to section 10.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Remove all sources of ignition. Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	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.
<b>Storage</b>	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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Recommended monitoring procedures</b>	
<b>Additional exposure data</b>	Exposure limits have not been established for this product.
<b>Engineering measures to reduce exposure</b>	Use in a well ventilated area.
<b>Personal protective equipment</b>	
<b>Skin and body protection</b>	Not available.
<b>General</b>	Use personal protective equipment to minimize exposure to skin and eye.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
<b>Physical state</b>	Not available.
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Vapor pressure</b>	0.01 hPa @ 20°C
<b>Boiling point</b>	476.6 °F (247 °C)
<b>Melting point/Freezing point</b>	Not available.
<b>Solubility (water)</b>	6.5 % w/w
<b>Specific gravity</b>	0.98
<b>Flash point</b>	221.0 °F (105.0 °C) Pensky-Martens Closed Cup
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	< 980 g/L
<b>Other data</b>	
<b>Oxidizing properties</b>	Not determined

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Not available.
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Stability</b>	Stable under recommended storage conditions.

<b>Materials to avoid</b>	Strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalis.
<b>Hazardous polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Skin corrosion/irritation</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Not available.
<b>Respiratory or skin sensitization</b>	
<b>Skin sensitization</b>	Not available.
<b>Respiratory sensitization</b>	Not available.
<b>Germ cell mutagenicity</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Further information</b>	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)		
<b>Acute</b>		
<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

<b>Aquatic toxicity</b>	This product has not been tested for ecological effects.
<b>Environmental effects</b>	Not available.

## 13. DISPOSAL CONSIDERATIONS

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

## 16. OTHER INFORMATION

<b>Disclaimer</b>	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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**Issue date** 06-Mar-2017  
**Revision date** 18-Mar-2017  
**Version #** 03  
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#### Explanation of abbreviations

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