



# SAFETY DATA SHEET

## 1. Identification

**Product name** CB918Series

**Recommended use and Limitations on use**

**Recommended use** Inkjet printing

**Company identification** HP PPS Asia Pacific Pte. Ltd.  
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## 2. Hazards identification

**GHS classification**

**Physical hazards** Not classified.

**Health hazards** Reproductive toxicity Category 1B

**Environmental hazards** Not classified.

### GHS label elements

#### Pictograms



**Signal word** Danger

**Hazard statement** May damage fertility or the unborn child.

#### Precautionary statement

**Prevention** P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.

**Response** P308 + P313 - IF exposed or concerned: Get medical attention/advice.

**Storage** P405 - Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards** Potential routes of overexposure to this product are skin and eye contact.  
Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

Complete toxicity data are not available for this specific formulation.

## 3. Composition/information on ingredients

**Substance or mixture** Mixture

### Chemical property

Chemical name	CAS Number	Concentration (%)
Water	7732-18-5	80-90
Cyclo Amide	Proprietary	< 10
Modified carbon black 489	Proprietary	< 5
1-(2-hydroxyethyl)-2-pyrrolidone	3445-11-2	< 2.5

Sulfolane

126-33-0

&lt; 1

**Composition comments** This ink supply contains an aqueous ink formulation.

#### 4. First aid measures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
<b>Ingestion</b>	If ingestion of a large amount does occur, seek medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Personal protection for first-aid responders</b>	Not available.
<b>Notes to physician</b>	Not available.

#### 5. Fire-fighting measures

<b>Flash point</b>	212.0 °F (100.0 °C) Pensky-Martens Closed Cup
<b>Extinguishing media</b>	Dry chemical, CO <sub>2</sub> , water spray or regular foam.
<b>Extinguishing media to avoid</b>	None known.
<b>Specific hazards during fire fighting</b>	None.
<b>Special fire fighting procedures</b>	None.
<b>Protection of fire-fighters</b>	None.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Spill cleanup methods</b>	Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

#### 7. Handling and storage

<b>Handling</b>	
<b>Precautions</b>	Not available.
<b>Safe handling advice</b>	Avoid contact with skin, eyes and clothing.
<b>Storage</b>	
<b>Incompatible materials</b>	Not available.
<b>Storage</b>	Keep out of the reach of children. Keep away from excessive heat or cold.

#### 8. Exposure controls/personal protection

<b>Control parameters/Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Appropriate engineering control measures</b>	Use in a well ventilated area.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Not available.
<b>Skin protection</b>	Not available.
<b>Eye/face protection</b>	Not available.
<b>Thermal hazards</b>	Not available.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>General</b>	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	Black.
Odor	Not available.
Odor threshold	Not available.
pH	8.7 - 9.1
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not determined
Flash point	212.0 °F (100.0 °C) Pensky-Martens Closed Cup
Auto-ignition temperature	Not determined
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not determined
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not determined
Vapor density	>= 1 (air = 1.0)
Evaporation rate	Not determined
Relative density	Not available.
Solubility	Soluble in water
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other data	
Oxidizing properties	Not determined
VOC (Weight %)	< 117 g/L

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## 10. Stability and reactivity

Reactivity	Not available.
Stability	Stable under recommended storage conditions.
Conditions to avoid	None.
Incompatible materials	Incompatible with strong bases and oxidizing agents.
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.

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## 11. Toxicological information

Routes of exposure	Not available.
Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory sensitizer	Based on available data, the classification criteria are not met.
Skin sensitizer	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.

<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.  Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation.
<b>Toxic to reproduction</b>	May damage fertility or the unborn child.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.

Components	Species	Test Results
Sulfolane (CAS 126-33-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	4009 mg/kg
	Rat	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 12 mg/l, 4 Hours
<i>Oral</i>		
LD50	Guinea pig	1445 mg/kg
	Mouse	1500 mg/kg
	Rat	1941 mg/kg
<i>Other</i>		
LD50	Guinea pig	1331 mg/kg
	Mouse	1080 mg/kg
	Rabbit	1.9 g/kg
	Rat	1094 mg/kg

## 12. Ecological information

**Persistence and degradability** Not available.

### Bioaccumulation

#### Bioaccumulative potential

##### Octanol/water partition coefficient log Kow

Sulfolane -0.77

**Mobility** Not available.

**Other hazardous effects** Not available.

## 13. Disposal considerations

**Disposal methods/information** Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies.  
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.  
Ensure collection and disposal with an appropriately licensed waste contractor.  
HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit <http://www.hp.com/recycle>.

**Special precautions** Not available.

## 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.

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**15. Regulatory information****Applicable regulations****Basel Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Stockholm Convention**

Not applicable.

**Regulatory information**

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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**16. Other information****References**

Not available.

**Issued by**

Not available.

**Prepared by**

HP

**Disclaimer**

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**Manufacturer information**

HP  
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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