



## 1. Chemical and company identification

**Name of chemical (Product name)** CP820Series

### Recommended use of the chemical and restrictions on use

**Intended use** Inkjet printing.

**Synonym(s)** HP Scitex WB300 Supreme Black Ink

**Company identification** HP Japan Inc.  
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Poison Information Centre 0120-50-3024

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## 2. Hazards identification

### GHS classification

The product is not classified according to GHS.

### GHS label elements

**Symbols** None.

**Signal words** None.

**Hazard statement** None.

### Precautionary statement

**Prevention** None.

**Response** None.

**Storage** None.

**Disposal** None.

### Other hazards

Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. Potential routes of overexposure to this product are skin and eye contact. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

## 3. Composition/information on ingredients

**Substance or mixture** Mixture

Components	CAS #	Percent
Dipropylene glycol	25265-71-8	<50
Water	7732-18-5	<40
Monomer Resin	Mixture	<10
Carbon black	Proprietary	<7.5

**Composition comments** This product is highly soluble in water. Carbon black is present only in a bound form in this preparation.

## 4. First aid measures

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

<b>If on skin</b>	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.
<b>If in eyes</b>	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists.
<b>If swallowed</b>	Rinse mouth out with water. Never give anything by mouth to an unconscious person. If symptoms persist, get medical attention.

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## 5. Fire-fighting measures

<b>Flash point</b>	> 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)
<b>Extinguishing media</b>	Suitable extinguishing media; dry sand, CO2 and CO.
<b>Extinguishing media to avoid</b>	None.
<b>Special fire fighting procedures</b>	Wear suitable protective equipment.

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## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency measures</b>	Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods or materials for containment and cleaning up</b>	Clean-up methods - small spillage

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## 7. Handling and storage

### Handling

<b>Technical measures (e.g. Local and general ventilation)</b>	Not available.
<b>Local and general ventilation</b>	Not available.
<b>Precautions</b>	Not available.
<b>Safe handling advice</b>	Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Use only with adequate ventilation. When using do not eat or drink.

### Storage

<b>Technical measures</b>	Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.
<b>Safe storage conditions</b>	Not available.
<b>Safe packaging materials</b>	Not available.

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## 8. Exposure controls/personal protection

### Occupational exposure limits

#### Japan. OELs - JSOH (Japan Society of Occupational Health: Recommendation of Occupational Exposure Limits)

Components	Type	Value	Form
Carbon black (CAS Proprietary)	TWA	4 mg/m3	Total dust.
		1 mg/m3	Respirable dust.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Carbon black (CAS Proprietary)	TWA	3 mg/m3	Inhalable fraction.

### Recommended monitoring procedures

<b>Additional exposure data</b>	Not available.
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### Personal protective equipment

<b>Respiratory protection</b>	No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible).
<b>Skin and body protection</b>	Wear appropriate chemical resistant clothing.
<b>General</b>	Eye wash fountain and emergency showers are recommended.

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## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Color** Black.

**Odor** Characteristic.

**pH** Not available.

**Melting point/Freezing point** Not available.

**Boiling point, initial boiling point, and boiling range** Not available.

**Flash point** > 200.0 °F (> 93.3 °C) Closed Cup (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** Not available.

**Solubility(ies)** Not available.

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

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity (Coefficient of viscosity)** Not available.

### Other information

**Chemical family** Aqueous Formulation

**VOC (Weight %)** < 451 g/L

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## 10. Stability and reactivity

**Reactivity** Not available.

**Chemical stability** Stable under normal storage conditions.

**Possibility of hazardous reactions** Not available.

**Conditions to avoid** None.

**Incompatible materials** None known. None known.

**Hazardous decomposition products** None.

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## 11. Toxicological information

**General information** Not available.

**Acute toxicity** Based on available data, the classification criteria are not met.

Components	Species	Test Results
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Carbon black (CAS Proprietary)

**Acute**

*Oral*

LD50	Rat	> 8000 mg/kg
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Dipropylene glycol (CAS 25265-71-8)

**Acute**

*Dermal*

LD50	Rabbit	20 ml/kg
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*Oral*

LD50	Guinea pig	17.6 g/kg
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	Rat	14.8 ml/kg
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Components	Species	Test Results
<i>Other</i>		
LD50	Dog	11.79 g/kg
	Mouse	4600 mg/kg
	Rat	5800 mg/kg
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.	
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.	
<b>Respiratory sensitizer</b>	Based on available data, the classification criteria are not met.	
<b>Skin sensitizer</b>	Based on available data, the classification criteria are not met.	
<b>Germ cell mutagenicity</b>	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.	
<b>ACGIH Carcinogens</b>	Carbon black (CAS Proprietary)	A3 Confirmed animal carcinogen with unknown relevance to humans.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	Carbon black (CAS Proprietary)	2B Possibly carcinogenic to humans.
<b>Japan Society for Occupational Health: Carcinogen</b>	CARBON BLACK (CAS Proprietary)	2B Possibly carcinogenic to humans.
<b>Toxic to reproduction</b>	Based on available data, the classification criteria are not met.	
<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.	

## 12. Ecological information

### Ecotoxicological data

Product	Species	Test Results
CP820Series		
<b>Aquatic</b>		
<i>Acute</i>		
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> ) > 750 mg/l, 96 hr
<b>Ecotoxicity</b>	This product has not been tested for ecological effects.	
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulation</b>	Not available.	
<b>Mobility in soil</b>	Not available.	
<b>Hazardous to the ozone layer</b>	Not available.	

## 13. Disposal considerations

<b>Local disposal regulations</b>	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.
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## 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.

**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**

CARBON BLACK

0 - 7.5 %

**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 (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.

**Act on Prevention of Marine Pollution and Maritime Disaster**

WATER

Category: Other Substances

DIPROPYLENE GLYCOL

Category: Z

**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/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

**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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**Manufacturer information**

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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