



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

**A. Product name** CP820Series  
**Synonym(s)** HP Scitex WB300 Supreme Black Ink

**B. Recommended use and Limitations on use**  
**Recommended use** Inkjet printing.

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## 2. Hazards identification

### A. Hazard category/Classification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

### B. Warning label items including precautionary statement

- **Pictogram** None.
- **Signal word** None.
- **Hazard statement** None.
- **Precautionary statement**
  - Prevention** None
  - Response** None
  - Storage** None
  - Disposal** None

**C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)** Not available.

**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

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
Dipropylene glycol		25265-71-8	KE-12226	<50
Water		7732-18-5	KE-35400	<40
Monomer Resin		Mixture		<10
Carbon black		Proprietary	KE-04682	<7.5

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

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#### 4. First aid measures

- A. In case of eye contact** 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. In case of skin contact** In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water.  
Wash clothing separately before reuse.
- C. In case of inhalation** Move to fresh air. If symptoms persist, get medical attention.
- D. In case of swallowing** Rinse mouth out with water. Never give anything by mouth to an unconscious person.  
If symptoms persist, get medical attention.
- E. Note to physician** Not available.

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#### 5. Fire-fighting measures

- A. Suitable (and unsuitable) extinguishing media**
- Suitable extinguishing media** Suitable extinguishing media; dry sand, CO<sub>2</sub> and CO.
- Unsuitable extinguishing media** Not available.
- B. Specific hazards arising from the chemical (example: hazardous combustion products)** Not available.
- C. Specific methods of fire-fighting**
- Special fire fighting procedures** Wear suitable protective equipment.
- C. Specific methods of fire-fighting** Not available.

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#### 6. Accidental release measures

- A. Personal precautions, protective equipment and emergency measures** 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** Do not flush into surface water or sanitary sewer system.
- C. Methods and materials for containment and cleaning up** Clean-up methods - small spillage

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#### 7. Handling and storage

- A. Precautions for safe handling** Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Use only with adequate ventilation. When using, do not eat, drink or smoke.
- B. Conditions for safe storage (including any incompatibilities)** Keep tightly closed in a dry, cool and well-ventilated place. Store at room temperature.

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#### 8. Exposure controls/personal protection

**A. Exposure limit values, biological limit values, etc**

**Korea. OELs. Standards for Exposure to Chemical Substances and Physically Hazardous Factors**

Components	Type	Value
Carbon black (CAS Proprietary)	TWA	3.5 mg/m <sup>3</sup>

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Carbon black (CAS Proprietary)	TWA	3 mg/m <sup>3</sup>	Inhalable fraction.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**B. Appropriate engineering controls** Not available.

**C. Personal protective equipment**

- **Respiratory protection** No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation.
- **Eye protection** Wear safety glasses; chemical goggles (if splashing is possible).

• <b>Hand protection</b>	Wear appropriate chemical resistant gloves.
• <b>Body protection</b>	Wear appropriate chemical resistant clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.

#### Recommended monitoring procedures

**Additional exposure data** Not available.

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## 9. Physical and chemical properties

### A. Appearance

**Physical state** Liquid.

**Color** Black.

**B. Odor** Characteristic.

**C. Odor threshold** Not available.

**D. pH** Not available.

**E. Melting point/freezing point** Not available.

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

**G. Flash point** > 200.0 °F (> 93.3 °C) Closed Cup (Closed Cup)

**H. Evaporation rate** Not available.

**I. Flammability (solid, gas)** Not available.

### J. Upper/lower limit on flammability or explosive limits

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**K. Vapor pressure** Not available.

### L. Solubility

**Solubility (water)** Not available.

**M. Vapor density** Not available.

**N. Specific gravity** Not available.

**O. n-octanol/water partition coefficient** Not available.

**P. Auto-ignition temperature** Not available.

**Q. Decomposition temperature** Not available.

**R. Viscosity** Not available.

**S. Molecular weight** Not available.

### Other data

**Chemical family** Aqueous Formulation

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

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## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

**Stability** Stable under normal storage conditions.

**Hazardous reaction potential** Not available.

**B. Conditions to avoid (e.g. static discharge, shock or vibration, etc)** Not available.

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

**D. Hazardous decomposition products** Not available.

## 11. Toxicological information

### A. Information on likely routes of exposure

- **Respiratory organs** Not available.
- **Mouth** Not available.
- **Eyes** Not available.
- **Skin** Not available.

### B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)** Based on available data, the classification criteria are not met.
- **Corrosivity or irritation to the skin** 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 sensitization** Based on available data, the classification criteria are not met.
- **Skin sensitization** Based on available data, the classification criteria are not met.
- **Carcinogenic properties /Carcinogenicity** 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.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Carbon black (CAS Proprietary)

2B Possibly carcinogenic to humans.

- **Mutagenic properties /Mutagenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** 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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*Other*

LD50	Dog	11.79 g/kg
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	Mouse	4600 mg/kg
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	Rat	5800 mg/kg
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### Further information

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.

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## 12. Ecological information

### A. Ecotoxicity

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>Hazardous to the aquatic environment, acute hazard</b>	Not available.	
<b>Hazardous to the aquatic environment, long-term hazard</b>	Not available.	
<b>B. Persistence/degradability</b>	Not available.	
<b>C. Bioaccumulative potential</b>	Not available.	
<b>D. Mobility in soil</b>	Not available.	
<b>E. Other adverse effects</b>	Not available.	

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## 13. Disposal considerations

<b>A. Method of disposal</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.
<b>B. Disposal considerations (including disposal of contaminated containers or packaging)</b>	Not available.

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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.

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## 15. Regulatory information

### A. Restrictions under the Industrial Safety and Health Law

#### Harmful Substances Prohibited from Manufacturing

Not regulated.

#### Harmful Substances Requiring Permission for Manufacture or Use

Not regulated.

#### Controlled Hazardous Substances

Not regulated.

#### Harmful Substances Requiring Special Medical Examination

Not regulated.

#### Workplace Environmental Monitoring Harmful Materials

Not regulated.

#### Occupational Exposure Limit

CARBON BLACK (CAS Proprietary)

### B. Restrictions under the Toxic Chemicals Control Law

#### Accidental Release Prevention Substances

Not regulated.

#### Banned Toxic Chemicals

Not regulated.

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**Observational Chemicals**

Not regulated.

**Restricted Chemical Substances**

Not regulated.

**Toxic Chemicals**

Not regulated.

**C. Restrictions under the Dangerous Substance Safety Management Act****D. Restrictions under the Wastes Control Act****Halogenated Materials in Waste Organic Solvents**

Not regulated.

**Hazardous Substances**

Not regulated.

**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****A. Source of information**

Not available.

**B. Issue date**

20-Oct-2015

**Revision date**

14-Aug-2016

**C. Number of revisions and date of most recent revision**

14-Aug-2016 (02 revision)

**D. Other**

Not available.

**Disclaimer**

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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