



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

<b>Important information</b>	*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***	
<b>A. Product name</b>	CN959 Series	
<b>Synonym(s)</b>	HP Scitex XL400 Supreme Magenta Ink	
<b>B. Recommended use and Limitations on use</b>		
<b>Recommended use</b>	Inkjet printing.	
<b>C. Supplier information</b>		
	HP Korea House 23-6 Yoido-dong Youngdeungpo-gu Seoul 150-742, Korea	
<b>Telephone</b>	(02) 2199-0114	
<b>HP Inc. health effects line</b>		
(Toll-free within the US)	1-800-457-4209	
(Direct)	1-760-710-0048	
<b>HP Inc. Customer Care Line</b>		
(Toll-free within the US)	1-800-474-6836	
(Direct)	1-208-323-2551	
<b>Email:</b>	hpcustomer.inquiries@hp.com	

## 2. Hazards identification

### A. Hazard category/Classification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
<b>Environmental hazards</b>	Not classified.	

### B. Warning label items including precautionary statement

#### • Pictogram



#### • Signal word

Warning

#### • Hazard statement

H312 Harmful in contact with skin.  
H332 Harmful if inhaled.

#### • Precautionary statement

##### Prevention

P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/spray.

##### Response

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a poison center/doctor if you feel unwell.

##### Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

##### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)** Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

**GHS Supplemental information** None.

---

### 3. Composition/information on ingredients

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
2-Butoxyethyl acetate		112-07-2	KE-04135	<80
2-methoxy-1-methylethyl acetate		108-65-6	KE-23315	<15

---

### 4. First aid measures

<b>A. In case of eye contact</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 immediately.
<b>B. In case of skin contact</b>	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. Get medical attention, if needed.
<b>C. In case of inhalation</b>	Move person to fresh air immediately. If symptoms persist, get immediate medical attention.
<b>D. In case of swallowing</b>	Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>E. Note to physician</b>	Not available.

---

### 5. Fire-fighting measures

#### A. Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media** Suitable extinguishing media: sand, carbon dioxide (CO<sub>2</sub>), and dry chemical.

**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 protective equipment for firefighters** Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

**Special fire fighting procedures** Move containers from fire area if you can do it without risk.

---

### 6. Accidental release measures

**A. Personal precautions, protective equipment and emergency measures** Avoid contact with skin. Avoid inhalation of vapors or mists.  
Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition.  
Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

**B. Environmental precautions** Do not flush into surface water or sanitary sewer system.

**C. Methods and materials for containment and cleaning up** Not available.

---

### 7. Handling and storage

**A. Precautions for safe handling** Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.  
Use with adequate ventilation.  
Wear personal protective equipment.

**B. Conditions for safe storage (including any incompatibilities)** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

---

---

## 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
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	131 mg/m <sup>3</sup>
		20 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	20 ppm

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

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

### C. Personal protective equipment

- **Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
- **Eye protection** Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
- **Hand protection** Wear appropriate chemical resistant gloves.
- **Body protection** Wear appropriate chemical resistant clothing.

**Hygiene measures** Do not get this material in contact with skin. 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.

---

## 9. Physical and chemical properties

### A. Appearance

**Physical state** Not available.  
**Form** Liquid.  
**Color** Magenta

**B. Odor** Solvent.

**C. Odor threshold** Not available.

**D. pH** 5.8 - 6.2 Metler Toledo pH Meter. Temperature 25°C

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

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

**G. Flash point** >= 149.0 °F (>= 65.0 °C) 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** 11 - 12 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading.

---

S. Molecular weight Not available.

Other data

VOC < 896 g/L

---

## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

Stability Stable at normal conditions.

Hazardous reaction potential None known.

B. Conditions to avoid (e.g. static discharge, shock or vibration, etc) Heat, flames and sparks.

C. Incompatible materials Not available.

D. Hazardous decomposition products Not available.

---

## 11. Toxicological information

### A. Information on likely routes of exposure

- Respiratory organs Harmful if inhaled.
- Skin Harmful in contact with skin.
- Eyes Contact with eyes may result in mild irritation.
- Mouth Ingestion is not a likely route of exposure.

### B. Information on health hazards

- Acute toxicity (list all possible routes of exposure) Harmful in contact with skin. Harmful if inhaled.
  - 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.
  - 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.
- 

## 12. Ecological information

A. Ecotoxicity No data available.

B. Persistence/degradability Not available.

C. Bioaccumulative potential Not available.

D. Mobility in soil Not available.

E. Other adverse effects Not available.

---

## 13. Disposal considerations

A. Method of disposal 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. Disposal considerations (including disposal of contaminated containers or packaging) Not available.

---

---

## 14. Transport information

<b>DOT</b>	
<b>UN number</b>	NA1993
<b>UN proper shipping name</b>	Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) -Not regulated in quantities less than 119 gallons
<b>Transport hazard class(es)</b>	
<b>Class</b>	Combustible
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Special precautions for user</b>	Not available.
<b>DOT Supplemental Information</b>	DOT Classification only applies to shipments within the US and Puerto Rico.
<b>IATA</b>	
Not regulated as dangerous goods.	
<b>IMDG</b>	
Not regulated as dangerous goods.	
<b>ADR</b>	
Not regulated as dangerous goods.	

---

## 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

ETHYLENE GLYCOL MONOBUTYL ACETATE (CAS 112-07-2)

#### Harmful Substances Requiring Special Medical Examination

2-BUTOXYETHANOLACETATE (CAS 112-07-2)

#### Workplace Environmental Monitoring Harmful Materials

ETHYLENE GLYCOL MONO BUTYL ACETATE (CAS 112-07-2)

#### Occupational Exposure Limit

ETHYLENEGLYCOL MONOBUTYL ETHERACETATE (CAS 112-07-2)

### B. Restrictions under the Chemicals Control Law (Previously Toxic Chemicals Control Law)

#### Accidental Release Prevention Substances

Not regulated.

#### Observational 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.

### E. Restrictions under other foreign or domestic laws

#### Clean Air Conservation Act

##### Air Pollutants

Not regulated.

##### Specific Air Pollutants

Not regulated.

#### Act on the Registration and Evaluation of Chemicals

##### Banned Toxic Chemicals

Not regulated.

##### Designated Existing Chemicals Subject to Registration (PEC) (MoE No. 2015-92)

Not listed.

##### Restricted Chemical Substances

Not regulated.

##### Toxic Chemicals

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

---

**16. Other information****A. Source of information**

Not available.

**B. Issue date**

04-May-2015

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

20-Dec-2019 (07 revision)

**D. Other**

Not available.

**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.

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs.

**Revision information**

Hazards identification: Storage

**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