



# SAFETY DATA SHEET

## 1. Identification of the product

<b>GHS product identifier</b>	CD403 Series
<b>Other means of identification</b>	
<b>Common name(s), synonym(s)</b>	HP DS100 Specialty Textile Light Cyan Scitex Ink
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	Inkjet printing
<b>Recommended restrictions</b>	None known.
<b>Issue date</b>	29-Aug-2014
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<b>Version #</b>	02
<b>Company identification</b>	Computing and Printing Mexico S. de R.L. de C.V. Av. Vasco de Quiroga No. 2999 Mexico City, Distrito Federal, Mexico 01210 Telephone 52 (55) 5258-4000  HP Inc. health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-760-710-0048 HP Inc. Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com

## 2. Hazard identification

### Classification of the substance or mixture

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.

### GHS label elements, including precautionary statements



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Combustible liquid. Harmful in contact with skin.
<b>Precautionary statement</b>	
<b>Prevention</b>	P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	P370 + P378 - In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P312 - Call a POISON CENTER/doctor/physician if you feel unwell. P363 - Wash contaminated clothing before reuse.
<b>Storage</b>	P403 + P235 - Store in a well-ventilated place. Keep cool.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards which do not result in classification</b>	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical identity	Common name(s), synonym(s)	CAS number and other unique identifiers	Concentration
Ethylene Glycol, Monobutyl Ether Acetate		112-07-2	<100
Ethylacetate		141-78-6	<2.5

### 4. First-aid measures

#### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.
<b>Eye contact</b>	In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Indication of immediate medical attention and special treatment needed</b>	Treat symptomatically.

### 5. Fire-fighting measures

<b>Flash point</b>	> 145.0 °F (> 62.8 °C) Closed Cup
<b>Suitable extinguishing media</b>	CO <sub>2</sub> , water, dry chemical, or foam
<b>Unsuitable extinguishing media</b>	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Not applicable.
<b>Special protective actions for firefighters</b>	Not available.
<b>Fire fighting equipment/instructions</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Specific methods</b>	Water mist may be used to cool closed containers.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Not available.
<b>For emergency responders</b>	Not available.
<b>Environmental precautions</b>	Not available.
<b>Methods and materials for containment and cleaning up</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Other issues relating to spills and releases</b>	Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

### 7. Handling and storage

<b>Precautions to ensure safe handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
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**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

### Control parameters

### Occupational exposure limits

#### Mexico. Occupational Exposure Limit Values

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1400 mg/m <sup>3</sup> 400 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	20 ppm

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

**Exposure guidelines** None established.

**Control banding approach** Not available.

**Appropriate engineering controls** Use in a well ventilated area.  
Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes  
Wear safety glasses; chemical goggles (if splashing is possible).

#### Skin protection

**Hand protection** Recommended gloves: Nitrile 6 mil minimum thickness.

**Other** Use personal protective equipment to minimize exposure to skin and eye.

**Respiratory protection** Not available.

**Thermal hazards** Not available.

## 9. Physical and chemical properties

### Appearance

**Physical state** Not available.

**Color** Light Cyan

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not applicable.

**Melting point/freezing point** Not determined.

**Initial boiling point and boiling range** Not determined.

**Flash point** > 145.0 °F (> 62.8 °C) Closed Cup

**Evaporation rate** Not determined.

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

### 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.

<b>Vapor pressure</b>	Not determined.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Specific gravity</b>	0.94 @ 20 Degrees C
<b>VOC (Weight %)</b>	< 850 g/L

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	Not available.
<b>Incompatible materials</b>	strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
<b>Hazardous decomposition products</b>	None known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Symptoms</b>	Not available.
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### Information on toxicological effects

<b>Acute toxicity</b>	Harmful in contact with skin.
<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 or skin sensitization</b>	
<b>Respiratory sensitization</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</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.
<b>ACGIH Carcinogens</b>	
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	A3 Confirmed animal carcinogen with unknown relevance to humans.
<b>Reproductive toxicity</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

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Ethylacetate (CAS 141-78-6)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours

Components	Species	Test Results
	Rat	4000 ppm, 4 Hours
<i>Oral</i>		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg
<i>Other</i>		
LD50	Cat	3 g/kg
	Guinea pig	3 g/kg
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	1500 mg/kg
<i>Inhalation</i>		
LC50	Cat	> 460 ppm, 6 Hours
	Guinea pig	> 460 ppm, 6 Hours
	Mouse	> 460 ppm, 6 Hours
	Rabbit	> 460 ppm, 6 Hours
	Rat	> 460 ppm, 6 Hours
<i>Oral</i>		
LD100	Rabbit	987 mg/kg
LD50	Mouse	2820 mg/kg
	Rat	1600 mg/kg
		7.46 ml/kg
<i>Other</i>		
LD50	Mouse	754 mg/kg

## 12. Ecological information

**Persistence and degradability** Not available.

**Bioaccumulative potential** Not available.

**Partition coefficient n-octanol / water (log Kow)**

Ethylacetate 0.73

**Mobility in soil** Not available.

**Other adverse effects** Not available.

**Ecotoxicity**

Components	Species	Test Results
Ethylacetate (CAS 141-78-6)		
<b>Aquatic</b>		
Fish	LC50	Indian catfish ( <i>Heteropneustes fossilis</i> ) 200.32 - 225.42 mg/l, 96 hours

## 13. Disposal considerations

**Disposal methods**

**Disposal instructions** 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.

**Local disposal regulations** Not available.

**Waste from residues / unused products** Not available.  
**Contaminated packaging** Not available.

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## 14. Transport information

### DOT

**UN number** NA1993  
**UN proper shipping name** Combustible liquid n.o.s. (butyl cellosolve acetate) -Not regulated in quantities less than 119 gallons  
**Transport hazard class(es)**  
**Class** Combustible  
**Subsidiary risk** -  
**Packaging group** III  
**Special precautions for user** Not available.

### 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

### Safety, health and environmental regulations specific for the product in question

#### Mexico. Hazard identification guidance list (NOM-018-STPS)

ACETATO DE ETILEN GLICOL MONOBUTYL ETER Listed.  
(2-BUTOXIETANOL) (CAS 112-07-2)  
ACETATO DE ETILO (CAS 141-78-6) Listed.

#### Mexico. Substances subject to reporting for the pollutant release and transfer registry (PRTR)

Not listed.

### International regulations

#### Montreal Protocol

Not applicable.

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto protocol

Not applicable.

#### Basel Convention

Not applicable.

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## 16. Other information

**Issue date** 29-Aug-2014

**Revision date** 14-Mar-2017

**Version #** 02

**List of abbreviations** 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 data sheet contains changes from the previous version in section(s):

This document has undergone significant changes and should be reviewed in its entirety.

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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