



# SAFETY DATA SHEET

## 1. 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>Product identifier</b>	CP803Series	
<b>Other means of identification</b>	None.	
<b>Recommended use of the chemical and restrictions on use</b>		
<b>Recommended use</b>	Inkjet printing	
<b>Restrictions on use</b>	Not available.	
<b>Manufacturer/Importer/Supplier/Distributor information</b>		
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## 2. Hazards identification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Acute toxicity, oral	Category 4
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
<b>Environmental hazards</b>	Not classified.	
<b>Label elements</b>		



<b>Signal word</b>	Warning	
<b>Hazard statement</b>		
H227	Combustible liquid.	
H302	Harmful if swallowed.	
H312	Harmful in contact with skin.	
H332	Harmful if inhaled.	
<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.	
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.	
P264	Wash hands thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P271	Use only outdoors or in a well-ventilated area.	
<b>Response</b>		
P370 + P378	In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.	
P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.	

P302 + P352  
P304 + P340  
P330  
P363

IF ON SKIN: Wash with plenty of soap and water.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
Rinse mouth.  
Wash contaminated clothing before reuse.

#### 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.

#### Other hazards which do not result in classification

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

#### Supplemental information

None.

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### 3. Composition/information on ingredients

#### Substances

Chemical name	Common name and synonyms	CAS number	%
2-Butoxyethyl acetate		112-07-2	100

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### 4. First-aid measures

#### Inhalation

Move person to fresh air immediately.  
If symptoms persist, get immediate medical attention.

#### Skin contact

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.

#### 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 immediately.

#### Ingestion

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.

#### Most important symptoms/effects, acute and delayed

Not available.

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### 5. Fire-fighting measures

#### Suitable extinguishing media

For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide.  
For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray.

#### Unsuitable extinguishing media

Not available.

#### Specific hazards arising from the chemical

Not applicable.

#### Special protective equipment and precautions for firefighters

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

#### Fire fighting equipment/instructions

Move containers from fire area if you can do it without risk.

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### 6. Accidental release measures

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

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.

#### Methods and materials for containment and cleaning up

Not available.

#### Environmental precautions

Do not flush into surface water or sanitary sewer system.

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### 7. Handling and storage

#### 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.

#### 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

### Exposure limit values

#### US. ACGIH Threshold Limit Values

Material	Type	Value
CP803Series	TWA	20 ppm
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).

**Appropriate engineering controls** Not available.

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

**Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible).  
Eye wash fountain and emergency showers are recommended.

#### Skin protection

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

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**Thermal hazards** Not available.

**General hygiene considerations** 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

### Appearance

**Physical state** Liquid.

**Form** Liquid.

**Color** Clear.

**Odor** Solvent.

**Odor threshold** Not available.

**pH** 2.2 - 3.8 Metler Toledo pH Meter. 10 g/l, H<sub>2</sub>O, 20 °C

**Melting point/freezing point** -82.3 °F (-63.5 °C) / -83.2 °F (-64 °C)

**Initial boiling point and boiling range** 377.6 °F (192 °C)

**Flash point** > 165.2 °F (> 74.0 °C) Tag Closed Cup Method D 56

**Evaporation rate** 0.04

**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.

**Vapor pressure** 0.4 hPa @ 20°C

**Vapor density** 6

### Solubility(ies)

**Solubility (water)** 2 %

**Partition coefficient (n-octanol/water)** 1.57

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** 1.6 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading

## Other information

Molecular formula	C8-H16-O3
Molecular weight	160
VOC	< 940 g/L Calculated

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## 10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	This product may react with strong oxidizing agents. Reacts with air to form peroxides. oxidizing agents
Hazardous decomposition products	peroxides.

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## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Harmful if inhaled.
Skin contact	Harmful in contact with skin.
Eye contact	Contact with eyes may result in mild irritation.
Ingestion	Ingestion is not a likely route of exposure.

**Symptoms related to the physical, chemical and toxicological characteristics** Not available.

### Information on toxicological effects

**Acute toxicity** Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin.

Components	Species	Test Results
2-Butoxyethyl acetate (CAS 112-07-2)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	1500 mg/kg

**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 or skin sensitization

**Respiratory sensitization** Based on available data, the classification criteria are not met.

**Skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

### ACGIH Carcinogens

2-Butoxyethyl acetate (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.

### Controlled and Prohibited Carcinogens List

Not available.

**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.

**Further information** Complete toxicity data are not available for this specific formulation

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## 12. Ecological information

**Ecotoxicity** No ecotoxicity data noted for the ingredient(s).

**Persistence and degradability** Not available.

**Bioaccumulative potential** Not available.

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

CP803Series

1.57

**Mobility in soil** Not available.**Other adverse effects** Not available.

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**13. Disposal considerations****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.**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. (Ethylene Glycol, Monobutyl Ether Acetate) - not regulated in quantities less than 119 gallons.  
**Transport hazard class(es)**  
**Class** Combustible  
**Subsidiary risk** -  
**Packing group** III  
**Special precautions for user** DOT Classification only applies to shipments within the US and Puerto Rico.**IATA**  
**UN number** Not available.  
**UN proper shipping name** Not Regulated  
**Transport hazard class(es)**  
**Class** Not available.  
**Subsidiary risk** -  
**Packing group** Not available.  
**Environmental hazards** No  
**Special precautions for user** Not available.**IMDG**  
**UN number** Not available.  
**UN proper shipping name** Not Regulated  
**Transport hazard class(es)**  
**Class** Not available.  
**Subsidiary risk** -  
**Packing group** Not available.  
**Transport hazard class(es)**  
**Marine pollutant** No  
**EmS** Not available.  
**Special precautions for user** Not available.**ADR**  
**UN number** Not available.  
**UN proper shipping name** Not Regulated  
**Transport hazard class(es)**  
**Class** Not available.  
**Subsidiary risk** -  
**Hazard No. (ADR)** Not available.  
**Tunnel restriction code** Not available.  
**Packing group** Not available.  
**Environmental hazards** No  
**Special precautions for user** Not available.**General information** DOT Classification only applies to shipments within the US and Puerto Rico.

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**15. Regulatory information****Safety, health and environmental regulations specific for the product in question****Controlled and Prohibited Carcinogens: Listed substance**

Not regulated.

**CWC. Chemical Weapons (Convention) Ordinance, Schedules of Chemicals 1-3 (L.N. 62 of 2004, as amended)**

Not regulated.

**Drug Precursors for Imports and Exports**

Not regulated.

**Drug Precursors Subject to Conditional Exports**

Not regulated.

**Listed Substances (Factories and Industrial Undertakings (Dangerous Substances) Regulations, First Schedule, as amended)**

Not regulated.

**Narcotics and Psychotropic Substances**

Not regulated.

**Ozone Depleting Substances (ODS) (Ozone Layer Protection Ordinance, Cap. 403, July 1989)**

Not regulated.

**International regulations**

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.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Montreal Protocol**

Not applicable.

**Kyoto protocol**

Not applicable.

**Basel Convention**

Not applicable.

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**16. Other information, including date of preparation or last revision**

**Issue date** 09-Jan-2019

**Revision date** 09-Jul-2020

**Version #** 03

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**Revision information** Hazards identification: Prevention  
Hazards identification: Response  
Physical & Chemical Properties: Multiple Properties  
Transport information: General information  
GHS: Classification

## 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