



# SAFETY DATA SHEET

## 1. Product and Company Identification

**Product identifier** CP791Series  
**Issue date** 10-Jun-2013  
**Revision date** 10-Aug-2015  
**Version #** 04  
**Product use** Inkjet printing  
**Synonym(s)** HP DS100 Specialty Textile Cyan Scitex Ink  
**Company identification** HP Canada Co.  
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## 2. Hazards Identification

**Physical hazards** Flammable liquids Category 4  
**Health hazards** Acute toxicity, dermal Category 4  
**Environmental hazards** Not classified.  
**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Warning  
**Hazard statement** Combustible liquid. Harmful in contact with skin.  
**Precautionary statement**  
**Prevention** P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
**Response** 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.  
**Storage** P403 + P235 - Store in a well-ventilated place. Keep cool.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Other hazards** Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

## 3. Composition / Information on Ingredients

| Components                               | CAS #    | Percent |
|--|----------|---------|
| Ethylene Glycol, Monobutyl Ether Acetate | 112-07-2 | <100    |
| Ethyl Acetate                            | 141-78-6 | <2.5    |

## 4. First Aid Measures

### First aid procedures

**Eye contact** 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>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>Inhalation</b>         | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>Ingestion</b>          | If swallowed, seek medical advice immediately and show this container or label.   |
| <b>Notes to physician</b> | Treat symptomatically.  |

## 5. Fire Fighting Measures

|   |   |
|---|---|
| <b>Flash point</b>                          | > 145.0 °F (> 62.8 °C) Closed Cup   |
| <b>Flammable properties</b>                 | None known.   |
| <b>Extinguishing media</b>                  |   |
| <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>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.   |
| <b>Explosion data</b>                       |   |
| <b>Sensitivity to static discharge</b>      | Not available.  |
| <b>Sensitivity to mechanical impact</b>     | Not available.  |
| <b>Hazardous combustion products</b>        | Carbon monoxide and carbon dioxide.   |

## 6. Accidental Release Measures

|                                |   |
|--------------------------------|---|
| <b>Methods for 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 information</b>       | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.   |

## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>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. |
| <b>Storage</b>  | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.   |

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### US. ACGIH Threshold Limit Values

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

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components  | Type | Value                                      |
|---|------|--|
| Ethyl Acetate (CAS 141-78-6)                            | TWA  | 1440 mg/m <sup>3</sup>                     |
| Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) | TWA  | 400 ppm<br>131 mg/m <sup>3</sup><br>20 ppm |

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

| Components  | Type | Value   |
|---|------|---------|
| Ethyl Acetate (CAS 141-78-6)                            | TWA  | 150 ppm |
| Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) | TWA  | 20 ppm  |

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

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

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

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

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

| Components                   | Type | Value      |
|------------------------------|------|------------|
| Ethyl Acetate (CAS 141-78-6) | TWA  | 1440 mg/m3 |
|                              |      | 400 ppm    |

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                   | Type | Value      |
|------------------------------|------|------------|
| Ethyl Acetate (CAS 141-78-6) | PEL  | 1400 mg/m3 |
|                              |      | 400 ppm    |

|                                      |  |
|--------------------------------------|--|
| <b>Biological limit values</b>       | No biological exposure limits noted for the ingredient(s).   |
| <b>Exposure guidelines</b>           | None established.  |
| <b>Engineering controls</b>          | Use in a well ventilated area.<br>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. |
| <b>Personal protective equipment</b> |  |
| <b>Eye/face protection</b>           | Avoid contact with eyes<br>Wear safety glasses; chemical goggles (if splashing is possible).   |
| <b>Skin protection</b>               | Use personal protective equipment to minimize exposure to skin and eye.  |
| <b>Respiratory protection</b>        | Not available.   |

**9. Physical & Chemical Properties****Appearance**

|   |                                   |
|---|-----------------------------------|
| <b>Physical state</b>                                 | Not available.                    |
| <b>Color</b>  | Cyan                              |
| <b>Odor</b>   | Not available.                    |
| <b>Odor threshold</b>                                 | Not available.                    |
| <b>pH</b>   | Not applicable.                   |
| <b>Vapor pressure</b>                                 | Not determined.                   |
| <b>Boiling point</b>                                  | Not determined.                   |
| <b>Melting point/Freezing point</b>                   | Not determined.                   |
| <b>Solubility (water)</b>                             | Not available.                    |
| <b>Specific gravity</b>                               | 0.94 @ 20 Degrees C               |
| <b>Flash point</b>                                    | > 145.0 °F (> 62.8 °C) Closed Cup |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.                    |

|   |                 |
|---|-----------------|
| <b>Flammability limits in air, lower, % by volume</b> | Not available.  |
| <b>Auto-ignition temperature</b>                      | Not available.  |
| <b>VOC</b>  | < 850 g/L       |
| <b>Evaporation rate</b>                               | Not determined. |
| <b>Partition coefficient (n-octanol/water)</b>        | Not available.  |

## 10. Chemical Stability & Reactivity Information

|   |   |
|---|---|
| <b>Chemical stability</b>                 | Stable at normal conditions   |
| <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.   |
| <b>Possibility of hazardous reactions</b> | Will not occur.   |

## 11. Toxicological Information

|   |  |
|---|--|
| <b>Acute effects</b>                                      | Harmful in contact with skin.  |
| <b>Skin irritation and corrosion</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>Skin sensitization</b>                                 | Based on available data, the classification criteria are not met.      |
| <b>Respiratory sensitization</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>Germ cell mutagenicity</b>                             | Based on available data, the classification criteria are not met.      |
| <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>Further information</b>                                | Complete toxicity data are not available for this specific formulation |

| <b>Toxicological data</b>    | <b>Species</b> | <b>Test Results</b> |
|------------------------------|----------------|---------------------|
| <b>Components</b>            |                |                     |
| Ethyl Acetate (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   |
|                              | Rat            | 4000 ppm, 4 Hours   |
| <i>Oral</i>                  |                |                     |
| LD50                         | Mouse          | 0.44 g/kg           |
|                              | Rabbit         | 4.9 g/kg            |
|                              | Rat            | 11.3 ml/kg          |
| <i>Other</i>                 |                |                     |
| LD50                         | Cat            | 3 g/kg              |
|                              | Guinea pig     | 3 g/kg              |

| Components  | Species | Test Results |
|---|---------|--------------|
| Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) |         |              |
| <b>Acute</b>  |         |              |
| <i>Dermal</i>   |         |              |
| LD50  | Rabbit  | 1500 mg/kg   |
| <i>Oral</i>   |         |              |
| LD50  | Rat     | 2400 mg/kg   |
| <i>Other</i>  |         |              |
| LD50  | Mouse   | 754 mg/kg    |

## 12. Ecological Information

**Ecotoxicity** This product has not been tested for ecological effects.

**Environmental effects** Not available.

**Persistence and degradability** Not available.

**Partition coefficient**  
Ethyl Acetate 0.73

### Ecotoxicological data

| Components                   | Species | Test Results   |
|------------------------------|---------|--|
| Ethyl Acetate (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 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.

## 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.

## 15. Regulatory Information

**Canadian regulations** This product contains one or several components listed in the Canadian NDSL list.

## 16. Other Information

**HMIS® ratings** Health: 2  
Flammability: 2  
Physical hazard: 1

**NFPA ratings** Health: 2  
Flammability: 2  
Instability: 1

**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.

**Prepared by**

HP

**Issue date**

10-Jun-2013

**Revision date**

10-Aug-2015

**Version #**

04

**This data sheet contains changes from the previous version in section(s):**

1. Product and Company Identification: Alternate Trade Names  
16. Other Information: Disclaimer

**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  |