SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance/preparation	CP792Series
Use of the substance/preparation	Inkjet printing
Version #	01
Issue date	14-Mar-2017
Supersedes date	11-Mar-2017
Synonym(s)	HP DS100 Specialty Textile Light Cyan Scitex Ink
Manufacturer information	HP Inc.
Company identification	HP Computing and Printing Middle East FZ-LLC, Dubai Internet City 14 - 3rd Floor (DIC04), Dubai United Arab Emirates HP Inc. health effect line (Toll-free within 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. HAZARDS IDENTIFICATION

2.1 GHS classification of substance or mixture, and national or regional information

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental 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 which do not result in classification	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
Supplemental information	None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent
Ethylene Glycol, Monobutyl Ether Acetate	112-07-2	<100

Components	CAS #	Percent
Ethylacetate	141-78-6	<2.5

4. FIRST AID MEASURES

Inhalation Move to fresh air. If symptoms persist, get medical attention.

Skin contact 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.

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.

Ingestion If swallowed, seek medical advice immediately and show this container or label.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media CO2, water, dry chemical, or foam

Extinguishing media which must not be used for safety reasons Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

Unusual fire & explosion hazards None known.

Fire fighting equipment/instructions Firefighters should wear full protective clothing including self contained breathing apparatus.

Specific methods Water mist may be used to cool closed containers.

Hazardous combustion products Carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up 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).

Spill cleanup methods 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).

Other information Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.
Use with adequate ventilation.
Wear personal protective equipment.

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

UAE. OELs. Maximum Allowable Limits for Air Pollutants in Working Areas [Law to Protect the Air from Pollution, Resolution of the Cabinet of Ministers No. 12 of 2006]

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

UAE. Abu Dhabi. TLVs. Maximum Allowable Limits for Air Pollutants in Working Areas (AD EHSMS RF - Occupational Standards and Guideline Values, Schedule A)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1440 mg/m3 400 ppm
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)	TWA	130 mg/m3 20 ppm

Jordan. Resolution No. 43 (1998) Safety and Protection from Industrial Equipment, Machinery and Workplaces (TLVs List)

Components	Type	Value
Ethylacetate (CAS 141-78-6)	TWA	1400 mg/m3 400 ppm

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

Recommended monitoring procedures

Additional exposure data None established.

Engineering measures to reduce exposure 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.

Personal protective equipment

Hand protection Recommended gloves: Nitrile 6 mil minimum thickness.

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

Skin and body protection Use personal protective equipment to minimize exposure to skin and eye.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state Not available.

Form Not available.

Color Light Cyan

Odor Not available.

Odor threshold Not available.

pH Not applicable.

Boiling point Not determined.

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

Flammability limits in air, upper, % by volume Not available.

Flammability limits in air, lower, % by volume Not available.

Vapor pressure Not determined.

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Viscosity Not available.

Evaporation rate Not determined.

Melting point/Freezing point Not determined.

Auto-ignition temperature Not available.

VOC < 850 g/L

Other data

Specific gravity 0.94 @ 20 Degrees C

10. STABILITY AND REACTIVITY

Conditions to avoid Not available.

Hazardous decomposition products None known.

Stability Stable at normal conditions

Materials to avoid	strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

General information Not available.

11.1. Information on toxicological effects

Acute toxicity	Harmful in contact with skin.
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 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.
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**
Ethylacetate (CAS 141-78-6)		
Acute		
Inhalation		
LC50	Rat	16000 ppm, 6 Hours
LD50	Mouse	1500 ppm, 4 Hours
	Rabbit	2500 ppm, 4 Hours
	Rat	4000 ppm, 4 Hours
Oral		
LD50	Mouse	0.44 g/kg
	Rabbit	4.9 g/kg
	Rat	11.3 ml/kg
		5.6 g/kg
Other		
LD50	Cat	3 g/kg
	Guinea pig	3 g/kg
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)		
Acute		
Dermal		
LD50	Rabbit	1500 mg/kg
Inhalation		
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
Oral		
LD100	Rabbit	987 mg/kg
LD50	Mouse	2820 mg/kg
	Rat	1600 mg/kg
		7.46 ml/kg

Components	Species	Test Results
Other		
LD50	Mouse	754 mg/kg

Other information Complete toxicity data are not available for this specific formulation

12. ECOLOGICAL INFORMATION

Ecotoxicological data

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

Environmental effects Not available.

Bioaccumulation

Bioaccumulative potential

Octanol/water partition coefficient log Kow	
Ethylacetate	0.73

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

16. OTHER INFORMATION

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 Chemical Compliance & Toxicology Department

This data sheet contains changes from the previous version in section(s):
1. Product and Company Identification: Alternate Trade Names
3. Composition / Information on Ingredients: Ingredients
9. Physical & Chemical Properties: Multiple Properties
11. Toxicological Information: Toxicological Data
15. Regulatory Information: United States

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds

Manufacturer information

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