

SAFETY DATA SHEET

1. Identification

1. Identification			
Product identifier	C4846Series		
Other means of identification	Not available.		
Recommended use	Inkjet printing		
Recommended restrictions	None known.		
Company identification	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 United States Telephone 650-857-5020		
	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(s) identification	n N		
Physical hazards	Not classified.		
Health hazards	Serious eye damage/eye irritation Category 1		
Environmental hazards	Hazardous to the aquatic environment, Category 3 long-term hazard		
OSHA defined hazards	Not classified.		
Label elements			
Signal word	Danger		
Hazard statement	Causes serious eye damage. Harmful to aquatic life with long lasting effects.		
Precautionary statement			
Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection. P273 - Avoid release to the environment.		
Response	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician.		
Storage	Not available.		
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.		
Hazard(s) not otherwise classified (HNOC)	Potential routes of overexposure to this product are skin and eye contact. Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions. Complete toxicity data are not available for this specific formulation.		
Supplemental information	None.		

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	60-70
1,5-pentanediol		111-29-5	<10

	Common name and synonyms	CAS number	%
2-pyrrolidone		616-45-5	<10
Alkyldicarboxylic acid		Proprietary	<7.5
Alkyldiol ethoxylate		Proprietary	<2.5
Cyan colorant		Not available	<2.5
Composition comments	This ink supply contains an aqueous ink formulat This product has been evaluated using criteria sp Communication Standard).		200 (Hazard
4. First-aid measures			
Inhalation	Move to fresh air. If symptoms persist, get medie	cal attention.	
Skin contact	Wash affected areas thoroughly with mild soap a attention.	and water. If irritation per	sists get medical
Eye contact	Do not rub eyes. Immediately flush with large an least 15 minutes or until particles are removed. I		
Ingestion	If ingestion of a large amount does occur, seek r	medical attention.	
Most important symptoms/effects, acute and delayed	Not available.		
5. Fire-fighting measure	S		
Suitable extinguishing media	CO2, water, dry chemical, or foam		
Unsuitable extinguishing media	None known.		
Specific hazards arising from the chemical	Not applicable.		
Special protective equipment and precautions for firefighters	Not available.		
Specific methods	None established.		
6. Accidental release me	asures		
Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment		
Methods and materials for containment and cleaning up	Dike the spilled material, where this is possible. A or diatomaceous earth, commercial sorbents, or		ent such as dry clay, sand
Environmental precautions	Do not let product enter drains. Do not flush into	o surface water or sanitar	y sewer system.
7. Handling and storage			
Precautions for safe handling	Avoid contact with skin, eyes and clothing.		
Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep away fro	m excessive heat or cold.	
	rsonal protection		
8. Exposure controls/per			
8. Exposure controls/per Occupational exposure limits	No exposure limits noted for ingredient(s).		
• •	No exposure limits noted for ingredient(s). No biological exposure limits noted for the ingred	dient(s).	
Occupational exposure limits			
Occupational exposure limits Biological limit values	No biological exposure limits noted for the ingred		
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Occupational exposure limits Biological limit values Exposure guidelines Appropriate engineering controls Individual protection measure	No biological exposure limits noted for the ingred Exposure limits have not been established for thi Use in a well ventilated area. Provide adequate ventilation. es, such as personal protective equipment	is product. ckness.	

9. Physical and chemical properties

Appearance	
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Appearance		
Physical state	Liquid.	
Color	Cyan	
Odor	Not available.	
Odor threshold	Not available.	
рН	3.8 - 4.3	
Melting point/freezing point	Not available.	
Initial boiling point and boiling range	Not determined	
Flash point	> 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not available.	
Upper/lower flammability or explosive limits		
Flammability limit - lower (%)	Not determined	
Flammability limit - upper (%)	Not available.	
Explosive limit - lower (%)	Not available.	
Explosive limit - upper (%)	Not available.	
Vapor pressure	Not determined	
Solubility(ies)		
Solubility (water)	Soluble in water	
Partition coefficient (n-octanol/water)	Not available.	
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
Viscosity	>= 2 cp	
Other information	For other VOC regulatory data/information see Section 15.	
VOC (Weight %)	< 221 g/l Estimated	

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Not available.
Incompatible materials	Incompatible with strong bases and oxidizing agents.
Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics	Not available.
Information on toxicological e	ffects

Acute toxicity

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

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AquaticCrustaceaEC50Water flea (Daphnia magna)350 - 400 mg/l, 48 hoursFishLC50Fish101, 96 HoursCyan colorant (CAS Not available)Vater flea (Daphnia magna)101, 96 HoursAquaticEC50Daphnia50 - 100 mg/l, 48 Hours			(- F F)	
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FishLC50Fish101, 96 HoursCyan colorant (CAS Not available)AquaticCrustaceaEC50Daphnia50 - 100 mg/l, 48 Hours		EC50	Water flea (Daphnia magna)	350 - 400 ma/l, 48 hours
Cyan colorant (CAS Not available) Aquatic Crustacea EC50 Daphnia 50 - 100 mg/l, 48 Hours				2
AquaticCrustaceaEC50Daphnia50 - 100 mg/l, 48 Hours				101, 50 110015
Crustacea EC50 Daphnia 50 - 100 mg/l, 48 Hours		(שוטו		
		EC50	Danhnia	50 - 100 mg/ 48 Hours
			ναριπια	
	Persistence and degradability			

Bioaccumulative potential	Not available.		
Partition coefficient n-octa 2-pyrrolidone	anol / water (log Kow) -0.85		
Alkyldicarboxylic acid	-0.59		
Mobility in soil			
Other adverse effects	Other adverse effects Not available.		
13. Disposal consideration	 Dns		
Disposal instructions	Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.		
	HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.		
14. Transport informatio	n		
DOT			
Not regulated as dangerous g	oods.		
IATA			
Not regulated as dangerous g	oods.		
IMDG			
Not regulated as dangerous g	oods.		
ADR			
Not regulated as dangerous goods			
Further information	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.		
15. Regulatory informat	ion		
US federal regulations	US TSCA 12(b): Does not contain listed chemicals.		
TSCA Section 12(b) Export	t Notification (40 CFR 707, Subpt. D)		
Not regulated. CERCLA Hazardous Substa	Ince List (40 CFR 302.4)		
Not listed. SARA 304 Emergency rele	ase notification		
Not regulated. OSHA Specifically Regulat Not listed.	ed Substances (29 CFR 1910.1001-1050)		
Superfund Amendments and F	Reauthorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely haza	rdous substance		
Not listed.			
SARA 311/312 Hazardous chemical	No		
Other federal regulations Safe Drinking Water Act (SDWA)	Not regulated.		
US state regulations			
US. Massachusetts RTK - S			
2-pyrrolidone (CAS 616-4 US. New Jersey Worker ar Not listed.	15-5) Id Community Right-to-Know Act		

US. Pennsylvania Worker and Community Right-to-Know Law

2-pyrrolidone (CAS 616-45-5)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

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Not Listed.
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Other information

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Regulatory information
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VOC content (less water, less exempt compounds) = <693 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids) 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, including date of preparation or last revision

Issue date Revision date Version #	22-May-2015 22-Sep-2016 03
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.
Manufacturer information	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 US Direct 1-650-857-5020

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