

Safety Data Sheet

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# C9405Series[LC][2]-SDS\_UK-English-50.pdf

C9405Series[LM][2]-SDS\_UK-English-47.pdf



# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

Important information	*** 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. ***		
1.1. Product identifier			
glossary_trade_name	C9405Series[LC][2]		
Identification number	-		
Registration number	-		
Synonyms	None.		
Issue date	08-May-2015		
Version number	08		
Revision date	19-Dec-2020		
Supersedes date	19-Dec-2020		
1.2. Relevant identified uses of	of the substance or mixture and uses advised against		
Identified uses	Inkjet printing		
Uses advised against	None known.		
1.3. Details of the supplier of	the safety data sheet		
	HP Inc UK Ltd, Regulatory Enquiries, Earley West		
	300 Thames Valley Park Drive, Reading, RG6 1PT		
Telephone	+44 20 7660 0596 (Consumer)		
	+44 20 7660 0403 (Commercial)		
HP Inc. health effects line			
(Toll-free within the US)	1-800-457-4209		
(Direct)	1-760-710-0048		
HP Inc. Customer Care			
Line	4 000 474 0000		
(Toll-free within the US)	1-800-474-6836		
(Direct)	1-208-323-2551		
Email:	hpcustomer.inquiries@hp.com		
1.4 Emergency telephone number	0207771 5307		

## **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification as hazardous according to Regulation (EC) 1272/2008.

#### 2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.
Signal word	None.
Hazard statements	The substance does not meet the criteria for classification.
Precautionary statements	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Supplemental label information	None.

Complete toxicity data are not available for this specific formulation.

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.

	product under normal use conditions.	
SECTION 3: Composition/	/information on ingredients	
3.1. Substances		
General information		
Chemical name	% CAS-No. / EC No. REACH Registration No. Index No. Notes	
Water	65-85 7732-18-5 231-791-2	
Classification: -		
1,2-hexanediol	<7.5 6920-22-5 01-2119987321-35-XXXX - 230-029-6	
Classification: Eye	e Irrit. 2;H319	
Composition comments	This ink supply contains an aqueous ink formulation.	
SECTION 4: First aid meas	sures	
General information	Not available.	
4.1. Description of first aid meas		
Inhalation	Move to fresh air. If symptoms persist, get medical attention.	
Skin contact	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.	
Eye contact	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.	
Ingestion	If ingestion of a large amount does occur, seek medical attention.	
4.2. Most important symptoms and effects, both acute and delayed	Not available.	
4.3. Indication of any immediate medical attention and special treatment needed	Not available.	
SECTION 5: Firefighting n	neasures	
General fire hazards	Not available.	
5.1. Extinguishing media Suitable extinguishing media	CO2, water, dry chemical, or foam	
Unsuitable extinguishing media	None known.	
5.2. Special hazards arising from the substance or mixture	Not available.	
5.3. Advice for firefighters Special protective equipment for firefighters	Not available.	
Special fire fighting procedures	Not available.	
Specific methods	None established.	
SECTION 6: Accidental re	lease measures	
6.1. Personal precautions. prote	ctive equipment and emergency procedures	
For non-emergency personnel	Wear appropriate personal protective equipment.	
For emergency responders	Not available.	
6.2. Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.	
6.3. Methods and material for containment and cleaning up	Not available.	
6.4. Reference to other sections	Not available.	

SECTION 7: Handling and	l storage
7.1. Precautions for safe handling	Avoid contact with skin, eyes and clothing.
7.2. Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep away from excessive heat or cold.
7.3. Specific end use(s)	Not available.
SECTION 8: Exposure con	ntrols/personal protection
8.1. Control parameters	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Not available.
Derived no effect levels (DNELs)	Not available.
Predicted no effect concentrations (PNECs)	Not available.
Exposure guidelines	Exposure limits have not been established for this product.
8.2. Exposure controls	
Appropriate engineering controls	Use in a well ventilated area.
Individual protection measures, General information	such as personal protective equipment Use personal protective equipment to minimize exposure to skin and eye.
Eye/face protection	Not required under intended use.
Skin protection	
- Hand protection	Not available.
- Other	Protected gloves not required under intended use.
Respiratory protection	For use other than intended use (such as in the event of a large spill), goggles and respirators may be required.
Thermal hazards	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Not available.

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Not available.
Color	Light Cyan
Odor	Not available.
Odor threshold	Not available.
рН	9.2
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
Flash point Evaporation rate	> 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup Not determined
•	
Evaporation rate	Not determined Not available.
Evaporation rate Flammability (solid, gas)	Not determined Not available.
Evaporation rate Flammability (solid, gas) Upper/lower flammability or exp Flammability limit - lower	Not determined Not available. Iosive limits
Evaporation rate Flammability (solid, gas) Upper/lower flammability or exp Flammability limit - lower (%) Flammability limit - upper	Not determined Not available. Iosive limits Not determined

Solubility(ies)	
Solubility (water)	Soluble in water
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not determined
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not determined
9.2. Other information	
VOC	< 190 g/l

# **SECTION 10: Stability and reactivity**

-	•
10.1. Reactivity	Not available.
10.2. Chemical stability	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	Not available.
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents.
10.6. Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. hydrogen fluoride fluorinated hydrocarbons ketones aldehydes

# **SECTION 11: Toxicological information**

General information	Not available.	
Information on likely routes of exposure		
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.	
Skin contact	Contact with skin may result in mild irritation.	
Eye contact	Contact with eyes may result in mild irritation.	
Ingestion	Ingestion is not a likely route of exposure.	
Symptoms	Not available.	
11.1. Information on toxicologica	al effects	
Acute toxicity	Based on available data, the classification criteria are not met.	
Skin corrosion/irritation	Non irritant in rabbit (OECD 404) 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.	
Mixture versus substance information	Not available.	
Other information	Complete toxicity data are not available for this specific formulation	

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Product		Species	Test Results
C9405Series[LC][2]			
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	> 750 mg/l, 96 hours
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
12.4. Mobility in soil	Not available.		
12.5. Results of PBT and vPvB assessment	Not a PBT or	vPvB substance or mixture.	
12.6. Other adverse effects	Not available.		
SECTION 13: Disposal co	onsiderations	3	
13.1. Waste treatment methods			
Residual waste	Not available.		
Contaminated packaging	Not available.		
EU waste code	Not available.		
Disposal methods/information		his material to drain into sewers/water sup aste material according to Local, State, Feo	
	of HP original	artners (trademark) supplies recycling prog inkjet and LaserJet supplies. For more in your location, please visit http://www.hp.co	formation and to determine if this service

**SECTION 14: Transport information** 

DOT	
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	
Marine pollutant	No
Special precautions for user	Not available.
ΙΑΤΑ	
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 Transport hazard class(es)	Not Regulated
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.
Further information	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

#### Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

## **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### EU regulations

• • • •	05/2009 on substances that deplete the ozone layer, Annex I and II, as amended
Not listed.	0/2004 On persistent organic pollutants, Annex I as amended
Not listed.	w/2004 On persistent organic polititants, Annex I as amended
	9/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed.	
Regulation (EU) No. 64 Not listed.	9/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended
	9/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Not listed.	
Regulation (EU) No. 64 Not listed.	9/2012 concerning the export and import of dangerous chemicals, Annex V as amended
Regulation (EC) No. 16	6/2006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed.	
Not listed.	007/2006, REACH Article 59(10) Candidate List as currently published by ECHA
Authorizations	
Regulation (EC) No. 19 Not listed.	07/2006, REACH Annex XIV Substances subject to authorization, as amended
Restrictions on use	
Regulation (FC) No. 19	07/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Not listed.	
	on the protection of workers from the risks related to exposure to carcinogens and mutagens at
Not listed.	
Other EU regulations	
•	n major accident hazards involving dangerous substances, as amended
Not listed.	n najor decident nazarda involving dangeroda substances, da uniended
	All chemical substances in this HP product have been notified or are exempt from notification
Other regulations	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.
Other information	This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.
	Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC

and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further

# National regulations Not available.

rectifications and amendments).

# **SECTION 16: Other information**

SECTION 16: Other information		
References	Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).	
	Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.	
	Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).	
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.	
Full text of any H-statements not written out in full under Sections 2 to 15	H319 Causes serious eye irritation.	
Revision information	None.	
Training information	Follow training instructions when handling this material.	
Disclaimer	This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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.	
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	Emergency Planning and Community Right-to-Know Act (aka SARA) International Agency for Research on Cancer	
IARC NIOSH		
	International Agency for Research on Cancer	
NIOSH	International Agency for Research on Cancer National Institute for Occupational Safety and Health	
NIOSH NTP	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program	
NIOSH NTP OSHA	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit	
NIOSH NTP OSHA PEL RCRA	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration	
NIOSH NTP OSHA PEL RCRA REC	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended	
NIOSH NTP OSHA PEL RCRA REC REL	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended Recommended Exposure Limit	
NIOSH NTP OSHA PEL RCRA REC REL SARA	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended Recommended Exposure Limit Superfund Amendments and Reauthorization Act of 1986	
NIOSH NTP OSHA PEL RCRA REC REL SARA STEL	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended Recommended Exposure Limit Superfund Amendments and Reauthorization Act of 1986 Short-Term Exposure Limit	
NIOSH NTP OSHA PEL RCRA REC REL SARA STEL TCLP	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended Recommended Exposure Limit Superfund Amendments and Reauthorization Act of 1986 Short-Term Exposure Limit Toxicity Characteristics Leaching Procedure	
NIOSH NTP OSHA PEL RCRA REC REL SARA STEL	International Agency for Research on Cancer National Institute for Occupational Safety and Health National Toxicology Program Occupational Safety and Health Administration Permissible Exposure Limit Resource Conservation and Recovery Act Recommended Recommended Exposure Limit Superfund Amendments and Reauthorization Act of 1986 Short-Term Exposure Limit	

VOC Volatile Organic Compounds

## Safe Use of Mixture Information (SUMI)

# Water Based Ink: WB01 \*English\*

#### Disclaimer

This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product SDS, the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS.

The REACH registration number(s), where applicable, completes an extended product SDS.

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Operational conditions	
Maximum duration	Up to 8 hours per day
Frequency of exposure	< 240 days per year
Process conditions	Covers use at ambient temperatures. Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides guidelines to ensure acceptable air quality in the workspace. Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions
	followed.
Risk management measures	
Conditions and measures	Wear safety glasses with side shields (or goggles), if splashing is possible.
related to Personal Protection	
	Wear appropriate chemical resistent gloves: see section 8 of the SDS.
Equipment, hygiene and	Wear appropriate chemical resistent clothing.
health evaluation	In case of inadequate ventilation wear respiratory protection.
	Eye wash fountain and emergency showers are recommended.
	Avoid breathing mist/vapours.
	Avoid contact with skin, eyes and clothing.
	Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.
Good practice advice	
Use personal protective equipme	ent as required.
Wash hands before breaks and a	after work.
Keep good industrial hygiene and	d safety practice.
Use only with adequate ventilati	
Do no eat, drink or smoke when	
Wash contaminated clothing be	
Store at room temperature.	
Environmental measures	
	in intercourse/unitercourselies
Do not allow this material to dra	
-	ding to Local, State, Federal and Provincial Environmental Regulations.
	ith appropriately licenced waste contractor.
Use descriptors	
IS-Use at industrial sites	
PW-Widespread use by profession	onal workers
SU7-Printing and reproduction n	nedia
PC18-Inks and Toners	
PROC1-Chemical production or r	refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.
PROC2-Chemical production or r	refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
condition PROC8a-Transfer of substance o	tion in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment r mixture (charging and discharging) at non-dedicated facilities r mixture (charging and discharging) at dedicated facilities
ERC5-Use at industrial site leading	
	io inclusion into/onto article (indoor)
Additional information on prod	
	s on the label, the classification of the mixture is provided.
Most of the water based inks are	
	is based on the individuel ingredients and their concentration within the mixture.
	ne classification are stated in Section 3 of the SDS.
	nts on which the exposure assessment is based, are listed in section 8 of the SDS.
	zing ingredients that may cause allergic reaction to certain people.
Section 2 of the SDS states these	
I	WB01 English.pdf



# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

Important information	*** 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 actior being taken by HP. ***
1.1. Product identifier	
glossary_trade_name	C9405Series[LM][2]
Identification number	-
Registration number	-
Synonyms	None.
Issue date	08-May-2015
Version number	07
Revision date	18-Dec-2020
Supersedes date	14-Jun-2020
1.2. Relevant identified uses of	of the substance or mixture and uses advised against
Identified uses	Inkjet printing
Uses advised against	None known.
1.3. Details of the supplier of	the safety data sheet
	HP Inc UK Ltd, Regulatory Enquiries, Earley West
	300 Thames Valley Park Drive, Reading, RG6 1PT
Telephone	+44 20 7660 0596 (Consumer)
	+44 20 7660 0403 (Commercial)
HP Inc. health effects line	
(Toll-free within the US)	1-800-457-4209
(Direct)	1-760-710-0048
HP Inc. Customer Care	
Line	4 000 474 0000
(Toll-free within the US)	1-800-474-6836
(Direct)	1-208-323-2551
Email:	hpcustomer.inquiries@hp.com
1.4 Emergency telephone number	0207771 5307

## **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification as hazardous according to Regulation (EC) 1272/2008.

#### 2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.	
Signal word	None.	
Hazard statements	The substance does not meet the criteria for classification.	
Precautionary statements		
Prevention	Not available.	
Response	Not available.	
Storage	Not available.	
Disposal	Not available.	
Supplemental label information	Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.	

Complete toxicity data are not available for this specific formulation.

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.

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

#### **General information**

Chemical name	%	CAS-No. / EC No.	<b>REACH Registration No.</b>	Index No.	Notes
Water	65-85	7732-18-5 231-791-2	-	-	
Classification:	-				
1,2-hexanediol	<7.5	6920-22-5 230-029-6	01-2119987321-35-XXXX	-	
Classification:	Eye Irrit. 2;H319				
1,2-Benzisothiazolin-3-on	e <0.1	2634-33-5 220-120-9	01-2120761540-60-XXXX	613-088-00-6	
Classification:	Acute Tox. 4;H302, Sk Acute 1;H400	in Irrit. 2;H315, Skin S	Sens. 1;H317, Eye Dam. 1;H	318, Aquatic	
omposition comments	This ink supply co	ontains an aqueous ir	nk formulation.		

#### **SECTION 4: First aid measures**

	General information	Not available.
4.1. Description of first aid measures		ures
	Inholation	Move to freeh air. If eventeme per

Inhalation Move to fresh air. If symptoms persist, get medical attention.	
Skin contact	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
Eye contact	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
Ingestion	If material is ingested, immediately contact a physician or poison control center.
4.2. Most important symptoms and effects, both acute and delayed	Not available.
4.3. Indication of any immediate medical attention and special treatment needed	Not available.

### **SECTION 5: Firefighting measures**

General fire hazards	Not available.
5.1. Extinguishing media Suitable extinguishing media	CO2, water, dry chemical, or foam
Unsuitable extinguishing media	None known.
5.2. Special hazards arising from the substance or mixture	Not available.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Not available.
Special fire fighting procedures	Not available.
Specific methods	None established.

## **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures		
For non-emergency personnel	Wear appropriate personal protective equipment.	
For emergency responders	Not available.	
6.2. Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.	

6.3. Methods and material for	Not available
containment and cleaning up	

INOL	ava	liable

Not available.

6.4. Reference to other sections

# **SECTION 7: Handling and storage**

7.1. Precautions for safe handling	Avoid contact with skin, eyes and clothing.
7.2. Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep away from excessive heat or cold.
7.3. Specific end use(s)	Not available.

## **SECTION 8: Exposure controls/personal protection**

8.1. Control parameters	
Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Not available.
Derived no effect levels (DNELs)	Not available.
Predicted no effect concentrations (PNECs)	Not available.
Exposure guidelines	Exposure limits have not been established for this product.
8.2. Exposure controls	
Appropriate engineering controls	Use in a well ventilated area.
Individual protection measures,	such as personal protective equipment
General information	Use personal protective equipment to minimize exposure to skin and eye.
Eye/face protection	Not required under intended use.
Skin protection	
- Hand protection	Not available.
- Other	Protected gloves not required under intended use.
Respiratory protection	For use other than intended use (such as in the event of a large spill), goggles and respirators may be required.
Thermal hazards	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	Not available.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Not available.
Color	Light Magenta
Odor	Not available.
Odor threshold	Not available.
рН	9.2
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 expl	osive limits
Flammability limit - lower (%)	Not determined

General information	Not available.	
SECTION 11: Toxicologica	al information	
10.6. Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbor dioxide and/or low molecular weight hydrocarbons. aldehydes, ketones, hydrogen fluoride, fluorinated hydrocarbons	
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents.	
10.4. Conditions to avoid	Not available.	
10.3. Possibility of hazardous reactions	Will not occur.	
10.2. Chemical stability	Stable under recommended storage conditions.	
10.1. Reactivity	Not available.	
SECTION 10: Stability and	I reactivity	
VOC	< 183 g/l	
9.2. Other information		
Oxidizing properties	Not determined	
Explosive properties	Not available.	
Viscosity	Not available.	
Decomposition temperature	Not available.	
Auto-ignition temperature	Not determined	
Partition coefficient (n-octanol/water)	Not available.	
Solubility (water)	Soluble in water	
Solubility(ies)		
Vapor density	Not available.	
Vapor pressure	Not determined	
(%)		

	·
Other information	Complete toxicity data are not available for this specific formulation
Mixture versus substance information	Not available.
Aspiration hazard	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.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Skin sensitization	Based on available data, the classification criteria are not met.
<b>Respiratory sensitization</b>	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.
Skin corrosion/irritation	Non irritant in rabbit (OECD 404) Based on available data, the classification criteria are not met.
Acute toxicity	Based on available data, the classification criteria are not met.
11.1. Information on toxicologica	al effects
Symptoms	Not available.
Ingestion	Ingestion is not a likely route of exposure.
Eye contact	Contact with eyes may result in mild irritation.
Skin contact	Contact with skin may result in mild irritation.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Information on likely routes of e	xposure

# **SECTION 12: Ecological information**

12.1. Toxicity

Product		Species	Test Results
C9405Series[LM][2]			
Aquatic			
Acute			
Fish	LC50	Fathead minnow (Pimephales promelas)	> 750 mg/l, 96 hours
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
12.4. Mobility in soil	Not available.		
12.5. Results of PBT and vPvB assessment	Not a PBT or	vPvB substance or mixture.	
12.6. Other adverse effects	Not available.		
SECTION 13: Disposal considerations			
13.1. Waste treatment methods			
Residual waste	Not available.		
Contaminated packaging	Not available.		
EU waste code	Not available.		
Disposal methods/information	Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.		
	of HP original	artners (trademark) supplies recycling prog inkjet and LaserJet supplies. For more in your location, please visit http://www.hp.co	formation and to determine if this service

**SECTION 14: Transport information** 

DOT	
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	
Marine pollutant	No
Special precautions for user	Not available.
ΙΑΤΑ	
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.

Further information	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
Special precautions for user	Not available.
Environmental hazards	No
Packing group	Not available.
Tunnel restriction code	Not available.
Hazard No. (ADR)	Not available.
Subsidiary risk	-
Class	Not available.
Transport hazard class(es)	
UN proper shipping name	Not Regulated

#### Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU** regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended
Not listed.
Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended
Not listed.

- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.

# Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.
- Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

#### Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

#### **Restrictions on use**

Regulation (EC) No.	1907/2006, REACH	Annex XVII Substances	subject to restriction	on marketing and us	se as amended
Not listed.					

# Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

#### Other EU regulations

Directive 2012/18/EU or	n major accident hazards involving dangerous substances, as amended
Not listed.	
Other 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.
Other information	Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).
National regulations	Not available.
15.2. Chemical safety assessment	See attached SUMI or GEIS document, if applicable.

## **SECTION 16: Other information**

SECTION 16: Other infor	mation
References	Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).
	Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.
	Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any H-statements not written out in full under	
Sections 2 to 15	H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.
<b>Revision information</b>	1. Product and Company Identification: Alternate Trade Names
Training information	Follow training instructions when handling this material.
Disclaimer	This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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.
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

Toxicity Characteristics Leaching Procedure

Threshold Limit Value

Toxic Substances Control Act

Volatile Organic Compounds

TCLP TLV

TSCA VOC

## Safe Use of Mixture Information (SUMI)

# Water Based Ink: WB01 \*English\*

#### Disclaimer

This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product SDS, the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS.

The REACH registration number(s), where applicable, completes an extended product SDS.

Operational conditions	s), where upplicable, completes an extended product 5D3.		
	I la ta 0 haura par day		
Maximum duration	Up to 8 hours per day		
Frequency of exposure	< 240 days per year		
Process conditions	Covers use at ambient temperatures. Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides guidelines to ensure acceptable air quality in the workspace. Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions		
	followed.		
Risk management measures			
Conditions and measures	Wear safety glasses with side shields (or goggles), if splashing is possible.		
related to Personal Protection	Wear appropriate chemical resistent gloves: see section 8 of the SDS.		
Equipment, hygiene and	Wear appropriate chemical resistent clothing.		
health evaluation	In case of inadequate ventilation wear respiratory protection.		
	Eye wash fountain and emergency showers are recommended.		
	Avoid breathing mist/vapours.		
	Avoid contact with skin, eyes and clothing.		
	Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.		
Good practice advice			
Use personal protective equipme	ent as required		
Wash hands before breaks and a			
Keep good industrial hygiene and			
Use only with adequate ventilati			
Do no eat, drink or smoke when			
Wash contaminated clothing bef	tore reuse.		
Store at room temperature.			
Environmental measures			
Do not allow this material to dra			
Dispose of waste material accord	ding to Local, State, Federal and Provincial Environmental Regulations.		
Ensure collection and disposal w	ith appropriately licenced waste contractor.		
Use descriptors			
IS-Use at industrial sites			
PW-Widespread use by profession	onal workers		
SU7-Printing and reproduction m	nedia		
PC18-Inks and Toners			
PROC1-Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.			
PROC2-Chemical production or refinery in closed process without internood of exposure or processes with equivalent containment conditions.			
PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition			
PROC8a-Transfer of substance of	r mixture (charging and discharging) at non-dedicated facilities		
PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities			
ERC5-Use at industrial site leadir			
	o inclusion into/onto article (indoor)		
Additional information on prod			
	on the label, the classification of the mixture is provided.		
Most of the water based inks are "not classified".			
The classification of the mixture is based on the individuel ingredients and their concentration within the mixture.			
All ingredients contributing to the classification are stated in Section 3 of the SDS.			
Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.			
The product may contain sensitizing ingredients that may cause allergic reaction to certain people.			
Section 2 of the SDS states these	ringredients where applicable.		
	WB01_English.pd		