C9383Series[C]-SDS_UK-English-14.pdf

 $C9383 Series [M]-SDS_UK-English-08.pdf$



SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or

C9383Series[C]

designation of the mixture

Registration number N/A **Synonyms** None. **Issue date** None. **Version number** 00

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing Uses advised against None known.

Company identification Hewlett-Packard, Ltd.

Cain Road, Amen Corner

Bracknell, Berkshire, RG12 1HN Telephone 44 (0) 879 013 0790

Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209

(Direct) 1-503-494-7199 **HP Customer Care Line**

(Toll-free within the US) 1-800-474-6836

(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com Poison Information Center 0207771 5307

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Emergency overview Contact with skin and eyes may result in irritation.

Hazard summary

Physical hazards Not classified for physical hazards. **Health hazards** Not classified as a health hazard.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Not available. **Main symptoms** Not available.

2.2. Label elements

Label according to Directive 67/548/EEC or 1999/45/EC as amended

Contains: 1-(2-hydroxyethyl)-2-pyrrolidone, 2-pyrrolidone, Aliphatic diol, Substituted phthalocyanine salt # 4,

Water

Not available. R-phrase(s) S-phrase(s) Not available. **Authorization number** Not available. Supplemental label

information

Not applicable.

2.3. Other hazards This cyan ink is not classified according to EU Directive 1999/45/EC. 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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Material name: C9383Series[C] SDS UK 1/8

General information

DSD: CLP:	-	> 70	7732-18-5 231-791-2	-	-	
CLP:						
	_					
lidone		< 10	3445-11-2 222-359-4	-	-	
DSD:	-					
CLP:	-					
		< 10	Proprietary -	-	-	
DSD:	-					
CLP:	-					
		< 5	616-45-5 210-483-1	-	-	
DSD:	Xi;R36					
CLP:	Eye Irrit	. 2;H319				
e salt #	4	< 5	Proprietary -	-	-	
DSD:	Xi;R41					
CLP:	Eye Dar	n. 1;H318	3			
	DSD: CLP: DSD: CLP: DSD: CLP: CLP:	DSD: - CLP: - DSD: Xi;R36 CLP: Eye Irrit e salt # 4 DSD: Xi;R41 CLP: Eye Dan	CLP: - < 10 DSD: - < 5 DSD: Xi;R36 CLP: Eye Irrit. 2;H319 e salt # 4 < 5 DSD: Xi;R41 CLP: Eye Dam. 1;H318	CLP: - < 10 Proprietary - CLP: - < 5 616-45-5 210-483-1 DSD: Xi;R36 CLP: Eye Irrit. 2;H319 e salt # 4 < 5 Proprietary DSD: Xi;R41 CLP: Eye Dam. 1;H318	CLP: - <pre></pre>	CLP: - <pre>CLP: -</pre>

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

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.

Not available.

Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at

For the full text of the R phrases mentioned in this Section, see Section 16.

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

4.3. Indication of any immediate medical attention and special treatment

No notes to physicians.

needed

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Material name: C9383Series[C]

Suitable extinguishing CO2, water, dry chemical, or foam

media

Unsuitable extinguishing None known.

media

2/8

5.2. Special hazards arising

from the substance or

mixture

Not available.

5.3. Advice for firefighters

Special protective

Not available.

equipment for firefighters

Not available.

Special fire fighting

procedures

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

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

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

6.4. Reference to other

sections

precautions

Not available

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

Keep out of the reach of children. Keep away from excessive heat or cold.

incompatibilities

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 level

(DNEL)

Not available.

Predicted no effect

Not available.

concentrations (PNECs)

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 available.

Skin protection

- Hand protection Not available. - Other Not available. **Respiratory protection** Not available. Thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Not available. **Form** Not available.

Material name: C9383Series[C] SDS UK

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Color Cyan

Odor Not available. **Odor threshold** Not available. 7.1 - 7.7 pН Melting point/freezing point Not available.

Initial boiling point and

boiling range Flash point

> 200.00 °F (> 93.33 °C) Setaflash Closed Tester

Evaporation rate Not determined Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Not determined

Not determined

Flammability limit -

upper (%)

Not available.

Not determined Vapor pressure **Relative density** Not available. Solubility(ies) Soluble in water Not available. **Partition coefficient**

(n-octanol/water)

Decomposition temperature Not available.

Viscosity 2 cp

Explosive properties Not available. Oxidizing properties Not determined

9.2. Other information

VOC (Weight %) < 242 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 Will not occur.

reactions

10.4. Conditions to avoid Not available.

10.5. Incompatible materials Incompatible with strong bases and oxidizing agents.

10.6. Hazardous Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon

decomposition products dioxide and/or low molecular weight hydrocarbons.

SECTION 11: Toxicological information

General information Not available. Information on likely routes of exposure **Ingestion** Not available. **Inhalation** Not available. Not available. Skin contact Not available. **Eye contact** Not available. **Symptoms**

11.1. Information on toxicological effects

Components **Test Results Species**

2-pyrrolidone (CAS 616-45-5)

Acute Oral

LD50 Guinea pig 6500 mg/kg

Rat 6500 mg/kg

Material name: C9383Series[C] SDS UK 4/8 **Components Species Test Results** Aliphatic diol (CAS Proprietary) **Acute** Dermal LD50 Rabbit > 10000 mg/kg Oral LD50 Rat 3730 mg/kg Other LD50 Mouse 1738 mg/kg Skin corrosion/irritation Not available. Serious eye damage/eye Not available. irritation Respiratory sensitization Not available. Skin sensitization Not available. Germ cell mutagenicity Not available. Carcinogenicity Not available. Reproductive toxicity Not available. Specific target organ toxicity Not available. - single exposure Specific target organ toxicity Not available. - repeated exposure **Aspiration hazard** Not available. Mixture versus substance Not available. information Other information This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

SECTION 12: Ecological information

Aquatic toxicity LC50/96h/Fathead minnows => 750 mg/L

12.1. Toxicity

Components Test Results Species 2-pyrrolidone (CAS 616-45-5) **Aquatic** EC50 Crustacea Water flea (Daphnia pulex) 13.21 mg/l, 48 hours 12.2. Persistence and Not available. degradability 12.3. Bioaccumulative Not available. potential **Partition coefficient** n-octanol/water (log Kow) -0.85

-0.106

2-pyrrolidone Aliphatic diol

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil Not available.

Not a PBT or vPvB substance or mixture. 12.5. Results of PBT

and vPvB assessment

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.

Material name: C9383Series[C] SDS UK

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.

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.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Regulation (EC) No. 689/2008 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

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization

Not listed

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use 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

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances Not regulated.

Version No.: 00 Revision date: Draft version. Print date: 12-Jul-2013 6/8

Material name: C9383Series[C]

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Not regulated.

Directive 94/33/EC on the protection of young people at work

Not regulated.

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.

National regulations 15.2. Chemical Safety

Assessment

Not available. Not available.

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).

Exposure Limits (See Section 8): Executive regulation of Minister of Labour and Social Policy dated Nov. 29, 2002 concerning the highest exposure limits and volume of factors harmful for health and environment at work (Official Journal of Laws no 217/2002 item 1833 with further amendments).

SECTION 16: Other information

References Not available.

Full text of any statements or **R-phrases and H-statements** under Sections 2 to 15

R36 Irritating to eyes.

R41 Risk of serious damage to eves.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

Revision information 1. Product and Company Identification: Alternate Trade Names

> SECTION 2: Hazards identification: 2.3. Other hazards 9. Physical & Chemical Properties: Multiple Properties

GHS: Classification

Training information

Not available.

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Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as quaranteeing 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 Hewlett-Packard Company

3000 Hanover Street

Palo Alto, California 94304-1112 US

(Direct) 1-503-494-7199

(Toll-free within the US) 1-800-457-4209

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

Threshold Limit Value TLV

TSCA Toxic Substances Control Act VOC Volatile Organic Compounds

Material name: C9383Series[C]



SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or

C9383Series[M]

designation of the mixture

Registration number N/A **Synonyms** None. **Issue date** 12-Jul-2013

Version number 02

Revision date 16-Jul-2013 Supersedes date 12-Jul-2013

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing Uses advised against None known.

Company identification Hewlett-Packard, Ltd.

Cain Road, Amen Corner Bracknell, Berkshire, RG12 1HN Telephone 44 (0) 879 013 0790

Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209

(Direct) 1-503-494-7199 **HP Customer Care Line**

(Toll-free within the US) 1-800-474-6836

(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com Poison Information Center 0207771 5307

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Emergency overview Contact with skin and eyes may result in irritation.

Hazard summary

Physical hazards Not classified for physical hazards. **Health hazards** Not classified as a health hazard.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Not available. Main symptoms Not available.

2.2. Label elements

information

Label according to Directive 67/548/EEC or 1999/45/EC as amended

Contains: 1-(2-hydroxyethyl)-2-pyrrolidone, 2-pyrrolidone, Aliphatic diol, Anthraguinone acid dye salt,

Substituted xanthylium salt #1, Water

R-phrase(s) Not available. S-phrase(s) Not available. **Authorization number** Not available. Supplemental label Not applicable.

2.3. Other hazards This magenta ink is not classified according to EU Directive 1999/45/EC. 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. None of the ingredients have

been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.

Material name: C9383Series[M] SDS UK 1/8

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name			%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Water			> 70	7732-18-5 231-791-2	-	-	
Classification:	DSD:	-					
	CLP:	-					
1-(2-hydroxyethyl)-2-py	rrolidone		< 10	3445-11-2 222-359-4	-	-	
Classification:	DSD:	-					
	CLP:	-					
Aliphatic diol			< 10	Proprietary -	-	-	
Classification:	DSD:	-					
	CLP:	-					
2-pyrrolidone			< 7.5	616-45-5 210-483-1	-	-	
Classification:	DSD:	Xi;R36					
	CLP:	Eye Irr	it. 2;H319	1			
Anthraquinone acid dye	salt		< 2.5	Proprietary -	-	-	
Classification:	DSD:	-					
	CLP:	-					
Substituted xanthylium	salt #1		< 2.5	Proprietary	-	-	
Classification:	DSD:	-		-			
	CLP:	-					

Cor

This product has been evaluated using criteria specified in the EU Directives 67/548/EEC and

1999/45/EC, as amended.

For the full text of the R phrases mentioned in this Section, see Section 16.

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

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

Not available.

acute and delayed

4.3. Indication of any immediate medical attention and special treatment

No notes to physicians.

needed

Material name: C9383Series[M] SDS UK

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing

CO2, water, dry chemical, or foam

media

Unsuitable extinguishing

media

None known.

5.2. Special hazards arising

from the substance or

mixture

Refer to section 10.

5.3. Advice for firefighters

Special protective equipment for firefighters

Not available.

Special fire fighting

procedures

Not available.

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

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

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand

or diatomaceous earth, commercial sorbents, or recover using pumps.

6.4. Reference to other

sections

precautions

Not available.

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 level

(DNEL)

Not available.

Predicted no effect concentrations (PNECs) Not available.

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 available.

Skin protection

- Hand protection Not available. - Other Not available. Respiratory protection Not available.

Material name: C9383Series[M] SDS UK

Thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Not available. **Form** Not available. Color Magenta Odor Not available. **Odor threshold** Not available. 7 - 7.6 pН Not available. Melting point/freezing point

Initial boiling point and

Not determined

boiling range

Flash point > 200.00 °F (> 93.33 °C) Setaflash Closed Tester

Evaporation rate Not determined Flammability (solid, gas) Not applicable. Upper/lower flammability or explosive limits

Flammability limit - lower

Not determined

(%)

Flammability limit -

upper (%)

Not available.

Vapor pressure Not determined **Relative density** Not available. Solubility(ies) Soluble in water **Partition coefficient** Not available.

(n-octanol/water)

Decomposition temperature Not available.

Viscosity 2 cp

Explosive properties Not available. **Oxidizing properties** Not determined

9.2. Other information

Specific gravity 1 - 1.2 VOC (Weight %) < 243 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 Will not occur.

reactions

Symptoms

10.4. Conditions to avoid Not available.

10.5. Incompatible materials Incompatible with strong bases and oxidizing agents.

10.6. Hazardous Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon

decomposition products dioxide and/or low molecular weight hydrocarbons.

Not available.

SECTION 11: Toxicological information

General information Not available. Information on likely routes of exposure Ingestion Not available. **Inhalation** Not available. Not available. Skin contact Eye contact Not available.

11.1. Information on toxicological effects

Material name: C9383Series[M] SDS UK 4/8

Components	Species	Test Results
2-pyrrolidone (CAS 616-45-5)		
Acute		
Oral		
LD50	Guinea pig	6500 mg/kg
	Rat	6500 mg/kg
Aliphatic diol (CAS Proprietary)		
Acute		
Dermal		
LD50	Rabbit	> 10000 mg/kg
Oral		
LD50	Rat	3730 mg/kg
Other		
LD50	Mouse	1738 mg/kg
Oral		
LD50	Rat	<= 10000 mg/kg
Skin corrosion/irritation	Not available.	
Serious eye damage/eye irritation	Not available.	
Respiratory sensitization	Not available.	
Skin sensitization	Not available.	
Germ cell mutagenicity	Not available.	
Carcinogenicity	Not available.	
Reproductive toxicity	Not available.	
Specific target organ toxicity - single exposure	Not available.	
Specific target organ toxicity - repeated exposure	Not available.	
Aspiration hazard	Not available.	
Mixture versus substance information	Not available.	
Other information	This ink formulation has not been tested for toxicolog Refer to Section 2 for potential health effects and Sec	

SECTION 12: Ecological information

Aquatic toxicity LC50/96h/Fathead minnows => 750 mg/L

12.1. Toxicity					
Components		Species	Test Results		
2-pyrrolidone (CAS 616-45-5)					
Aquatic					
Crustacea	EC50	Water flea (Daphnia pulex)	13.21 mg/l, 48 hours		
12.2. Persistence and degradability	Not available.				
12.3. Bioaccumulative potential	Not available.				
Partition coefficient n-octanol/water (log Kow) 2-pyrrolidone Aliphatic diol		-0.85 -0.106			
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.				

Material name: C9383Series[M] SDS UK

Version No.: 02 Revision date: 16-Jul-2013 Print date: 16-Jul-2013

Not available.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Not available.

Contaminated packaging Not available.

EU waste code Not available.

Disposal Do not allow this material to drain into sewers/water supplies.

methods/information 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.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

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

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 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

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use 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

Not regulated.

Material name: C9383Series[M] SDS UK

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not regulated.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Not regulated.

Directive 94/33/EC on the protection of young people at work

Not regulated.

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.

Not available.

National regulations

15.2. Chemical Safety

Assessment

Not available.

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).

Exposure Limits (See Section 8): Executive regulation of Minister of Labour and Social Policy dated Nov. 29, 2002 concerning the highest exposure limits and volume of factors harmful for health and environment at work (Official Journal of Laws no 217/2002 item 1833 with further amendments).

SECTION 16: Other information

References Not available.

Full text of any statements or **R-phrases and H-statements** under Sections 2 to 15

R36 Irritating to eyes.

H319 Causes serious eye irritation.

Revision information None.

Training information

Not available.

Disclaimer

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Material name: C9383Series[M] SDS UK Version No.: 02 Revision date: 16-Jul-2013 Print date: 16-Jul-2013 7/8

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

Threshold Limit Value TLV

TSCA Toxic Substances Control Act VOC Volatile Organic Compounds

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