

SAFETY DATA SHEET

1. Identification Important information

Product identifier

Recommended use

Other means of identification

Recommended restrictions

*** 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.
CN058Series
None.
Inkjet printing
None known.

Manufacturer/Importer/Supplier/Distributor information

	HP Inc.
	1501 Page Mill Road
	Palo Alto, CA 94304-1112
	United States
Telephone	650-857-1501
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

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	Not available.
Precautionary statement	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Hazard(s) not otherwise classified (HNOC)	None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. 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.
GHS Supplemental information	This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).
	2-pyrrolidone: OSHA Hazard Communication Standard cut-off value, Reproductive toxicity Category 1B, fertility or the unborn child 3%. Cut-off value based on data.

3. Composition/information on ingredients

Substances

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrolidione: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data. *Proprietary 4. First-aid measures Thishalation Move to fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists. Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for a least 15 minutes or unit) particles are removed. If irritation persists get medical attention. Most important symptoms/effects, acute and delayed General information Wash affected areas thoroughly with mild soap and water. 5. Fire-fighting measures Suitable extinguishing media Unsuitable extinguishing media Dry chemical, CO2, water spray or regular foam. None known. the chemical Specific hazards arising from the chemical Specific nater of protective equipment. Prosonal precautions for sferfighters Specific nater of earge appropriate personal protective equipment. Friventing and acleaning up Environmental precautions Friventing and acleaning up Environmental precautions for safe storage, Environmental Exposure Level (WEEL) Guides Components Type Value Alphatic diol TWA 10 mg/m3 Biological introluse	Chemical name	Common name and synonyms	CAS number	%
Allphalic diol Proprietary <5	Water		7732-18-5	75-85
Cyan colorant* Proprietary* <5 2-pyrrolidone Composition comments This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidone: CSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data. 4. First-aid measures *Proprietary 4. 4. First-aid measures Work of fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild scap and water. Get medical attention if irritation develops or persists. Eye contact Do not rub eyes. Immediately flush with large amounts of clean. warm water (low pressure) for a least 15 minutes or unit parties are removed if irritation persists get medical attention. Most important symptoms/effects, acute and delayed Do chemical. CO2, water spray or regular foam. Not available. 5. Fire-fighting measures Dry chemical. CO2, water spray or regular foam. None known. Specific hazards arising from the chemical and procutions for firefightors None known. None known. Specific methods None established. 6. Accidental release measures Personal proceutions, or dichancecous earth, commercial sobents, or recover using pumps. Do not flue product enter drains. Do not flush into surface water or sanitary sever system. 7. Handling and storage Precautions for safe storag	Hydroxy alkylated lactam*		Proprietary*	<15
2-pymolidone 616:45-5 <3	Aliphatic diol		Proprietary	<5
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Biological limit values No biological exposure limits noted for the ingredient(s).		-	10 mg/m3	
•	•			
	Exposure guidelines			

Appropriate engineering controls	Use in a well ventilated area.	
	such as personal protective equipment	
Eye/face protection Skin protection		
Hand protection	Not available.	
Other	Not available.	
Respiratory protection	Not available.	
Thermal hazards	Not available.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.	

9. Physical and chemical properties

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Appearance	
Physical state	Liquid.
Form	Not available.
Color	Cyan
Odor	Not available.
Odor threshold	Not available.
рН	8.5 - 9.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 212.0 °F (> 100.0 °C) Pensky-Martens Closed Cup US EPA Method 1020
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	3.2 - 3.3 cP
Other information	For other VOC regulatory data/information see Section 15.
VOC	< 291 g/L

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.

11. Toxicological information

products

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	Health injuries are not known or expected under normal use.
Symptoms related to the physical, chemical and toxicological characteristics	Not available.

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.	
Components	Species Test Results	
2-pyrrolidone (CAS 616-45-5)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg
Skin corrosion/irritation	Non irritant in rabbit (OECI	0 404) Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Not classified as an irritant according to, OECD 405. Based on available data, the classification criteria are not met.	
Respiratory or skin sensitization	n	
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.	
IARC Monographs. Overall Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pre	ed Substances (29 CFR 191	D.1001-1050)
Not listed. Reproductive toxicity	Rased on available data th	ne classification criteria are not met.
	2-pyrrolidone: This compo	nent showed developmental effects only at high, maternally toxic doses people of small doses is not expected to cause developmental toxicity.
Specific target organ toxicity - single exposure	Based on available data, th	ne classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, th	ne classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.	
Further information	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.	

12. Ecological information

Ecotoxicity	This product is	s highly soluble in water.	
Components		Species	Test Results
2-pyrrolidone (CAS 616-45-5	5)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	13.21 mg/l, 48 hours
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		

2-pyrrolidone Aliphatic diol	-0.85 -0.106		
Mobility in soil	Not available.		
Other adverse effects	Not available.		
13. Disposal consider	ations		
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 information

D)	Г

501	
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	
IMDG	
UN number	Not available.
UN proper shipping name	Not available. Not Regulated
Transport hazard class(es)	Not Negalated
Class	Not available.
Subsidiary risk	Not available.
Packing group	- Not available.
Transport hazard class(es)	Not available.
	No
Marine pollutant EmS	No Not available.
Special precautions for user	
ADR	Not available.
	Natavalahla
UN number	Not available.
UN proper shipping name	Not Regulated
Transport hazard class(es)	
Class	Not available.
Subsidiary risk	- National Alexandrian
Hazard No. (ADR)	Not available.
Tunnel restriction code	Not available.
Packing group	Not available.
Environmental hazards	No Net available
Special precautions for user	
Further information	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable

15. Regulatory information

15. Regulatory information	n		
US federal regulations	US TSCA 12(b): Does not contain listed chemicals.		
TSCA Section 12(b) Export	Notification (40 CFR 707, Subpt. D)		
Not regulated.			
CERCLA Hazardous Substa	ance List (40 CFR 302.4)		
Not listed. SARA 304 Emergency relea	ise notification		
Not regulated. OSHA Specifically Regulate	ed Substances (29 CFR 1910.1001-1050)		
Not regulated.			
-	eauthorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazar Not listed.	dous substance		
SARA 311/312 Hazardous chemical	Yes		
Other federal regulations			
Clean Air Act (CAA) Section	n 112 Hazardous Air Pollutants (HAPs) List		
Not regulated. Clean Air Act (CAA) Sectior	n 112(r) Accidental Release Prevention (40 CFR 68.130)		
Not regulated.			
Safe Drinking Water Act (SDWA)	Not regulated.		
US state regulations	Not Listed		
Other information	VOC content (less water, less exempt compounds) = 1148 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)		
Regulatory information	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, inc	cluding date of preparation or last revision		
Issue date	01-Apr-2015		
Revision date	31-Jan-2020		
Version #	09		
Other information	This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).		
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		

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



SAFETY DATA SHEET

1. Identification Important information

Product identifier

Recommended use

Other means of identification

Recommended restrictions

*** 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. ***
CN059Series
None.
Inkjet printing
None known.

Manufacturer/Importer/Supplier/Distributor information

	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112
	United States
Telephone	650-857-1501
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

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	Not available.
Precautionary statement	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Hazard(s) not otherwise classified (HNOC)	None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. 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.
GHS Supplemental information	This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).
	2-pyrrolidone: OSHA Hazard Communication Standard cut-off value, Reproductive toxicity Category 1B, fertility or the unborn child 3%. Cut-off value based on data.

3. Composition/information on ingredients

Substances

This product has been evaluated using oriteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidence: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data. *Proprietary 4. First-aid measures Inhalation Move to fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild scap and water. Get medical attention if irritation develops or persists. Eye contact Do not to be yes. 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. Most important symptoms/effocts, acute and delayed Not available. Suitable extinguishing media Dry chemical, CO2, water spray or regular foam. Unsuitable extinguishing media None known. Specific hazards arising from the chemical Specified for a stape appropriate personal protective equipment and eleased to containment and cleaning up. None known. Specific hazards arising from the chemical Specifier hazards arising for containment and cleaning up. Not available. Proprietary Wear appropriate personal protective equipment. Procedures Wear appropriate personal protective equipment. Procedures Avoid contact with skin, eyes and clothing. Controterive equipment and eleaving any incompatib	Chemical name	Common name and synonyms	CAS number	%	
Allphatic diol Proprietary <5 Magenta pigment" Proprietary <5	Water		7732-18-5	70-80	
Magenta pigment* Proprietary* <5 2-pyrrolidone 3 Composition comments This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidone: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data. 4. First-aid measures *Proprietary 4. 4. First-aid measures Wove to fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists. Eye contact Do no rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 16 minutes or until particles are removed if irritation persists get medical attention. Most important symptoms/effects, acute and delayed Dry chemical, CO2, water spray or regular foam. Not available. 5. Fire-fighting measures Dry chemical, CO2, water spray or regular foam. None known. Specific methods None known. None known. Specific hazards arising from the chemical and precautions for friefighters Specific methods None established. 6. Accidental release measures Personal procesurions, inciving and materials for Contions for safe harage, Dividenmaetals for containment and cleaning up Contionseros afs horage, inciving any incompatibilities	Hydroxy alkylated lactam*		Proprietary*	<15	
2-pyrolidore 616-45-5 <3	Aliphatic diol		Proprietary	<5	
Composition comments This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidione: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data.	Magenta pigment*		Proprietary*	<5	
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Biological limit values No biological exposure limits noted for the ingredient(s).		-	10 mg/m3		
•	•	5			
	Exposure guidelines				

Appropriate engineering controls	Use in a well ventilated area.
Individual protection measures,	such as personal protective equipment
Eye/face protection	Not available.
Skin protection	
Hand protection	Not available.
Other	Not available.
Respiratory protection	Not available.
Thermal hazards	Not available.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

,	
Appearance	
Physical state	Liquid.
Form	Not available.
Color	Magenta
Odor	Not available.
Odor threshold	Not available.
рН	8.5 - 9.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 212.0 °F (> 100.0 °C) Pensky-Martens Closed Cup US EPA Method 1020
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	3.2 - 3.3 cP
Other information	For other VOC regulatory data/information see Section 15.
VOC	< 297 g/L

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.

11. Toxicological information

Hazardous decomposition

products

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	Health injuries are not known or expected under normal use.
Symptoms related to the physical, chemical and toxicological characteristics	Not available.

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.		
Components	Species	Test Results	
2-pyrrolidone (CAS 616-45-5)			
<u>Acute</u>			
Oral			
LD50	Rat	> 5000 mg/kg	
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 or skin sensitization	ı		
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.		
IARC Monographs. Overall	Evaluation of Carcinogenie	city	
Not listed. OSHA Specifically Regulate	d Substances (29 CFR 191	0.1001-1050)	
Not regulated. US. National Toxicology Pro	ogram (NTP) Report on Ca	rcinogens	
Not listed.			
Reproductive toxicity	Based on available data, t	he classification criteria are not met.	
		nent showed developmental effects only at high, maternally toxic doses people of small doses is not expected to cause developmental toxicity.	
Specific target organ toxicity - single exposure	Based on available data, t	he classification criteria are not met.	
Specific target organ toxicity - repeated exposure	Based on available data, t	he classification criteria are not met.	
Aspiration hazard	Based on available data, t	he classification criteria are not met.	
Further information		not available for this specific formulation ential health effects and Section 4 for first aid measures.	

12. Ecological information

Ecotoxicity	This product is	s highly soluble in water.	
Components		Species	Test Results
2-pyrrolidone (CAS 616-45-5	5)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	13.21 mg/l, 48 hours
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		

2-pyrrolidone Aliphatic diol	-0.85 -0.106
Mobility in soil	Not available.
Other adverse effects	Not available.
13. Disposal consider	ations
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 information

DOT	
	_

20		
	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.
ΙΑΙ		
	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	
IM		
	UN number	Not available.
	UN proper shipping name	Not available. Not Regulated
	Transport hazard class(es)	Not Regulated
		Net evelopie
	Class	Not available.
	Subsidiary risk	- Natavailable
	Packing group	Not available.
	Transport hazard class(es)	
	Marine pollutant	No
	EmS	Not available.
	Special precautions for user	Not available.
AD		
	UN number	Not available.
	UN proper shipping name	Not Regulated
	Transport hazard class(es)	
	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 AVAIIADIE.
Fu	rther information	Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
		Transport in bulk according to Appen II of MARPOL 73/78 and the IBC code: Not applicable

15. Regulatory information

15. Regulatory informatio	n			
US federal regulations	US TSCA 12(b): Does not contain listed chemicals.			
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)				
Not regulated. CERCLA Hazardous Substa	Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4)			
Not listed. SARA 304 Emergency relea	se notification			
	Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)			
-	eauthorization Act of 1986 (SARA)			
Hazard categories	Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No			
SARA 302 Extremely hazar Not listed.	dous substance			
SARA 311/312 Hazardous chemical	Yes			
Other federal regulations				
Clean Air Act (CAA) Sectior	n 112 Hazardous Air Pollutants (HAPs) List			
Not regulated.				
	n 112(r) Accidental Release Prevention (40 CFR 68.130)			
Not regulated.				
Safe Drinking Water Act (SDWA)	Not regulated.			
US state regulations Not Listed				
Other information	VOC content (less water, less exempt compounds) = 1115 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)			
Regulatory information	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, inc	luding date of preparation or last revision			
Issue date	16-Apr-2015			
Revision date	31-Jan-2020			
Version #	08			
Other information	This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).			
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.			
	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.			

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



SAFETY DATA SHEET

1. Identification Important information

Product identifier

Recommended use

Other means of identification

Recommended restrictions

*** 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. ***
CN060Series
None.
Inkjet printing
None known.

Manufacturer/Importer/Supplier/Distributor information

	HP Inc.
	1501 Page Mill Road
	Palo Alto, CA 94304-1112
	United States
Telephone	650-857-1501
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

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	Not available.
Precautionary statement	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Hazard(s) not otherwise classified (HNOC)	None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. 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.
GHS Supplemental information	This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).
	2-pyrrolidone: OSHA Hazard Communication Standard cut-off value, Reproductive toxicity Category 1B, fertility or the unborn child 3%. Cut-off value based on data.

3. Composition/information on ingredients

Substances

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. Most important symptoms/effects, acute and delayed General information Wash affected areas thoroughly with mild soap and water. 5. Fire-fighting measures Suitable extinguishing modia Unsuitable extinguishing modia Specific hazards arising from the chemical Specific methods None known. More known. More known. More established. 6. Accidental release measures Personal proceutions, protective equipment and emergency procedures Methods and materials for containment and cleaning up Environmental precautions 7. Handling and storage Precautions for safe storage, Conditions for safe handling Conditions for safe storage, Conditions for safe storage, Conditions for safe storage, Betwee controls/personal protection Cocupational exposure limits 8. Exposure controls/personal protection Cocupational exposure limits 8. Sworkplace Environmental Exposure Level (WEEL) Guides Components <u>View</u> Value <u>Aliphatic diol</u> Biological limit values No biological exposure limits noted for the ingredient(s). Heast 15 minutes or unit product on the ingredient(s).	Chemical name	Common name and synonyms	CAS number	%
Allphatic cliol Proprietary <5 Yellow pigment* Proprietary* <5	Water		7732-18-5	65-80
Yellow pigment* Proprietary* <5	Hydroxy alkylated lactam*		Proprietary*	<15
2.pymolidone 616-45-5 <3	Aliphatic diol		Proprietary	<5
Composition comments This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidone: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data.	Yellow pigment*		Proprietary*	<5
This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard). 2-pyrrolidone: OSHA Hazard Communication Standard cut-off value 3%. Cut-off value based on data. *Proprietary 4. First-aid measures minalation Move to fresh air. If symptoms persist, get medical attention. Skin contact Wash affected areas thoroughly with mild scap and water. Get medical attention if irritation develops or persists. Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or unit) particles are removed. If irritation persists get medical attention. Most important symptoms/effects, acute and delayed General information Wash affected areas thoroughly with mild scap and water. 5. Fire-fighting measures Suitable extinguishing media Unsuitable extinguishing media Dry chemical, CO2, water spray or regular foam. None known. the chemical Specific hazards arising from the chemical Specific hazards for field here and protective equipment and the patient and the chemical Specific hazards arising from the chemical Specific hazards arising from the chemical Specific hazards and materials for containment and teleshing with field material, where this is possible. Absorb with inert absorbent such as dry clay, sard or diatomaceous earth, commercial	2-pyrrolidone		616-45-5	<3
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Occupational exposure limits US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value Aliphatic diol TWA 10 mg/m3 Biological limit values No biological exposure limits noted for the ingredient(s).	Conditions for safe storage, including any incompatibilities	Keep out of the reach of children. Keep away from excessive heat or cold.		
Occupational exposure limits US. Workplace Environmental Exposure Level (WEEL) Guides Components Type Value Aliphatic diol TWA 10 mg/m3 Biological limit values No biological exposure limits noted for the ingredient(s).	8. Exposure controls/pers	onal protection		
US. Workplace Environmental Exposure Level (WEEL) Guides Components Value Aliphatic diol TWA 10 mg/m3 Biological limit values No biological exposure limits noted for the ingredient(s).	•	-		
Aliphatic diol TWA 10 mg/m3 Biological limit values No biological exposure limits noted for the ingredient(s).	US. Workplace Environment		Value	
Biological limit values No biological exposure limits noted for the ingredient(s).		-	10 mg/m3	
•	•		•	
	Exposure guidelines	•		

Appropriate engineering controls	Use in a well ventilated area.	
Individual protection measures, such as personal protective equipment Eve/face protection Not available		
Eye/face protection Skin protection		
Hand protection	Not available.	
Other	Not available.	
Respiratory protection	Not available.	
Thermal hazards	Not available.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.	

9. Physical and chemical properties

-	•
Appearance	
Physical state	Liquid.
Form	Not available.
Color	Yellow
Odor	Not available.
Odor threshold	Not available.
рН	8.5 - 9.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 212.0 °F (> 100.0 °C) Pensky-Martens Closed Cup US EPA Method 1020
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	3.2 - 3.3 cP
Other information	For other VOC regulatory data/information see Section 15.
VOC	< 297 g/L

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.

11. Toxicological information

products

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	Health injuries are not known or expected under normal use.	
Symptoms related to the physical, chemical and toxicological characteristics	Not available.	

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.		
Components	Species	pecies Test Results	
2-pyrrolidone (CAS 616-45-5)			
Acute			
Oral			
LD50	Rat	> 5000 mg/kg	
Skin corrosion/irritation	Non irritant in rabbit (OECD 404) Based on available data, the classification criteria are not met.		
Serious eye damage/eye irritation	Not classified as an irritant according to, OECD 405. Based on available data, the classification criteria are not met.		
Respiratory or skin sensitization	ı		
Respiratory sensitization	Based on available data, the cl	assification 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.		
IARC Monographs. Overall Evaluation of Carcinogenicity			
Not listed. OSHA Specifically Regulate	d Substances (29 CFR 1910.10	01-1050)	
Not regulated.			
US. National Toxicology Pro	ogram (NTP) Report on Carcino	gens	
Not listed.			
Reproductive toxicity Based on available data, the classification criteria are not met.		assification criteria are not met.	
		showed developmental effects only at high, maternally toxic doses ple of small doses is not expected to cause developmental toxicity.	
Specific target organ toxicity - single exposure	Based on available data, the cl	assification 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.		
Further information	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.		

12. Ecological information

Ecotoxicity	This product is	s highly soluble in water.	
Components		Species	Test Results
2-pyrrolidone (CAS 616-45-5)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	13.21 mg/l, 48 hours
Persistence and degradability	Not available.		
Bioaccumulative potential	Not available.		

2-pyrrolidone Aliphatic diol	-0.85 -0.106	
Mobility in soil	Not available.	
Other adverse effects	Not available.	
13. Disposal consider	ations	
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 information

DOT	•	
		1

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)	Nor Regulated
Class	Not available.
Subsidiary risk	-
Packing group	Not available.
Environmental hazards	No
Special precautions for user	
IMDG	
UN number	Not available.
UN proper shipping name	Not Regulated
Transport hazard class(es)	Not Regulated
Class	Not available.
Subsidiary risk	
Packing group	- Not available.
Transport hazard class(es)	
Marine pollutant	No
EmS	Not available.
Special precautions for user	
ADR	
UN number	Not available.
UN proper shipping name	Not available.
Transport hazard class(es)	Not Regulated
Class	Not available.
Subsidiary risk	INOL AVAILADIE.
-	- Not available.
Hazard No. (ADR) Tunnel restriction code	Not available.
	Not available.
Packing group Environmental hazards	Not available. No
Special precautions for user	
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.

15. Regulatory information

15. Regulatory information	on line line line line line line line lin
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 Subst	ance List (40 CFR 302.4)
Not listed.	
SARA 304 Emergency relea	ase notification
Not regulated. OSHA Specifically Regulat	ed Substances (29 CFR 1910.1001-1050)
Not regulated.	
-	eauthorization Act of 1986 (SARA)
Hazard categories	Immediate Hazard - No
	Delayed Hazard - No
	Fire Hazard - No Pressure Hazard - No
	Reactivity Hazard - No
SARA 302 Extremely hazar	rdous substance
Not listed.	
SARA 311/312 Hazardous	Yes
chemical	
Other federal regulations	
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pollutants (HAPs) List
Not regulated.	
	n 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.	
Safe Drinking Water Act (SDWA)	Not regulated.
US state regulations	Not Listed
Other information	VOC content (less water, less exempt compounds) = 1141 g/L (U.S. requirement, not for
	emissions) VOC data based on formulation (Organic compounds minus solids)
Regulatory information	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, inc	cluding date of preparation or last revision
Issue date	16-Apr-2015
Revision date	31-Jan-2020
Version #	09
Other information	This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
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 initial initial products as described or suitability for a particular application.

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
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds



SAFETY DATA SHEET

1. Identification Important information

Product identifier

Recommended use

Other means of identification

Recommended restrictions

*** 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. *** CN057Series None. Inkjet printing None known. Manufacturer/Importer/Supplier/Distributor information HP Inc. 1501 Page Mill Road

Telephone	Palo Alto, CA 94304-1112 United States 650-857-1501
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

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	Not available.
Precautionary statement	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Hazard(s) not otherwise classified (HNOC)	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. Complete toxicity data are not available for this specific formulation. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.
GHS Supplemental information	This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	70-90
Hydroxy alkylated lactam*		Proprietary*	<15
Black Pigment*		Proprietary*	<5
Composition comments	This ink supply contains an aqueous ink form This product has been evaluated using criteri Communication Standard).		910.1200 (Hazard
	*Proprietary		
	Carbon black is present only in a bound form	in this preparation.	
4. First-aid measures			
Inhalation	Remove to fresh air. If symptoms persist, get	medical attention.	
Skin contact	Wash affected areas thoroughly with mild soa develops or persists.	ap and water. Get medic	al attention if irritation
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, see	ek medical attention.	
Most important symptoms/effects, acute and delayed	Not available.		
5. Fire-fighting measures			
Suitable extinguishing media	For small (incipient) fires, use media such as For large fires use very large (flooding) quant		
Unsuitable extinguishing media	None known.		
Specific hazards arising from the chemical	None known.		
Special protective equipment and precautions for firefighters	Not available.		
Specific methods	None established.		
6. Accidental release mea	sures		
Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipm	ent.	
Methods and materials 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.		
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary 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	from excessive heat or	cold.
8. Exposure controls/pers	onal protection		
Occupational exposure limits			
US. OSHA Table Z-1 Limits 1 Components	or Air Contaminants (29 CFR 1910.1000) Type	Value	
Black Pigment	PEL	3.5 mg/m3	
US. ACGIH Threshold Limit			
Components	Туре	Value	Form
Black Pigment	TWA	3 mg/m3	Inhalable fraction.
US. NIOSH: Pocket Guide to Components	Chemical Hazards Type	Value	
Black Pigment	TWA	0.1 mg/m3	
Material name: CN057Series		0	SDS US

No biological exposure limits noted for the ingredient(s).
Exposure limits have not been established for this product.
Use in a well ventilated area.
such as personal protective equipment
Not available.
Not available.
Not available.
Not available.
Not available.
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Not available.
Color	Black.
Odor	Not available.
Odor threshold	Not available.
рН	7.5 - 9
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	> 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	For other VOC regulatory data/information see Section 15.
Oxidizing properties	Not determined
VOC	< 229 g/L

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

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	Health injuries are not known or expected under normal use.
Symptoms related to the physical, chemical and	Not available.

toxicological characteristics

Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.	
Components	Species	Test Results
Black Pigment		
Acute		
Oral		
LD50	Rat	> 10000 mg/kg
Skin corrosion/irritation	Based on available data, the classificat	ion criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classificat Not classified as an irritant according to	
Respiratory or skin sensitization	n	
Respiratory sensitization	Based on available data, the classificat	ion criteria are not met.
Skin sensitization	Based on available data, the classificat	ion criteria are not met.
Germ cell mutagenicity	Based on available data, the classificat	ion criteria are not met.
Carcinogenicity	Based on available data, the classificat	ion criteria are not met.
	2B) and by the State of California under organizations indicate that exposure to	gen by the IARC (possibly carcinogenic to humans, Group or Proposition 65. In their evaluations of carbon black, both carbon black, per se, does not occur when it remains ally, rubber, ink, or paint. Carbon black is present only in a
IARC Monographs. Overall	Evaluation of Carcinogenicity	
Not listed. OSHA Specifically Regulate Not regulated.	d Substances (29 CFR 1910.1001-1050)
US. National Toxicology Pro	ogram (NTP) Report on Carcinogens	
Not listed.		
Reproductive toxicity	Based on available data, the classificat	ion criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classificat	ion criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classificat	ion criteria are not met.
Aspiration hazard	Based on available data, the classificat	ion criteria are not met.
Further information	Complete toxicity data are not available Refer to Section 2 for potential health e	e for this specific formulation ffects and Section 4 for first aid measures.
12. Ecological informatio	n	
Aquatic toxicity	This product has not been tested for ea	cological effects.
Ecotoxicity	No ecotoxicity data noted for the ingred	lient(s).

Aqualic loxicity	This product has not been tested for ecological enects.
Ecotoxicity	No ecotoxicity data noted for the ingredient(s).
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.

Material name: CN057Series

13. Disposal considera	ations
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 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.
ΑΤΑ	
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.
MDG	
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	Not Regulated
Transport hazard class(es)	
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	

15. Regulatory information

US TSCA 12(b): Does not contain listed chemicals.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US federal regulations

CERCLA Hazardous Substa Not listed.	
SARA 304 Emergency relea	ase notification
Not regulated.	
OSHA Specifically Regulate	ed Substances (29 CFR 1910.1001-1050)
Not regulated.	
Superfund Amendments and R	eauthorization Act of 1986 (SARA)
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazar	dous substance
Not listed.	
SARA 311/312 Hazardous chemical	No
Other federal regulations	
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pollutants (HAPs) List
Not regulated. Clean Air Act (CAA) Sectio Not regulated.	n 112(r) Accidental Release Prevention (40 CFR 68.130)
Safe Drinking Water Act (SDWA)	Not regulated.
US state regulations	Not Listed
Other information	VOC content (less water, less exempt compounds) = < 884 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)
Regulatory information	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, inc	cluding date of preparation or last revision
Issue date	16-Apr-2015
Devision data	00 Fab 2020

Issue date	16-Apr-2015
Revision date	06-Feb-2020
Version #	07
Other information	This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
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.
	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.

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