



SAFETY DATA SHEET

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

Important information *** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***

1.1. Product identifier

Trade name or designation of the mixture CP836Series
Registration number -
UFI 6A9T-PY7W-M303-U0QR
Synonyms HP HDR245 Cyan Scitex Ink Cartridge
Issue date 27-May-2016
Version number 16
Revision date 21-Apr-2021
Supersedes date 17-Mar-2021

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

Identified uses Inkjet printing
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Reproductive toxicity (fertility, the unborn child)	Category 2	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.
Specific target organ toxicity - repeated exposure	Category 2 (liver, respiratory system)	H373 - May cause damage to organs (liver, respiratory system) through prolonged or repeated exposure.

Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard	Category 2	H411 - Toxic to aquatic life with long lasting effects.
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2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended**Contains:** 1-vinylhexahydro-2H-azepin-2-one, 2-phenoxyethyl acrylate, Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide**Hazard pictograms****Signal word** Warning**Hazard statements**

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H373 May cause damage to organs (liver, respiratory system) through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements**Prevention**

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.
 P201 Obtain special instructions before use.
 P270 Do not eat, drink or smoke when using this product.
 P264 Wash hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
 P308 + P313 IF exposed or concerned: Get medical attention/advice.
 P312 Call a POISON CENTER/doctor/physician if you feel unwell.
 P314 Get medical attention/advice if you feel unwell.
 P391 Collect spillage.
 P363 Wash contaminated clothing before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information

None.

2.3. Other hazards

The classification of this mixture as a reproductive category 2 (H361) is based on the harmonized classification of diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide as mentioned in Annex VI of Regulation (EC) No.1272/2008.

Recent test data for diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide presented on the EU REACH Dossier suggest that classification as reproductive category 1B (H360) is more suitable. This would lead to mixture classification of the product as reproductive category 1B (H360).

The lead registrant has updated the REACH dossier and requested that the Swedish authority start the process of amending the harmonized classification. This SDS was updated according to guidance of the Swedish Chemicals Agency. Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Oxybis(methyl-2,1-ethanediyl) diacrylate	<25	57472-68-1 260-754-3	01-2119484629-21-XXXX	-	
Classification:	Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Dam. 1;H318				
2-phenoxyethyl acrylate	<20	48145-04-6 256-360-6	01-2119980532-35-XXXX	-	
Classification:	Skin Sens. 1A;H317, Repr. 2;H361d, Aquatic Chronic 2;H411				
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	<15	28961-43-5 -	-	-	
Classification:	Skin Sens. 1;H317, Eye Dam. 1;H318				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Dodecyl acrylate	<10	2156-97-0 218-463-4	01-2119976296-23-XXXX	-	
Classification:	Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319, STOT SE 3;H335, Aquatic Chronic 2;H411				
Glycerol, propoxylated, esters with acrylic acid	<10	52408-84-1 500-114-5	01-2119487948-12-XXXX	-	
Classification:	Skin Sens. 1;H317, Eye Irrit. 2;H319				
1-vinylhexahydro-2H-azepin-2-one	<5	2235-00-9 218-787-6	01-2119977109-27-XXXX	-	
Classification:	Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Sens. 1B;H317, Eye Irrit. 2;H319, STOT RE 1;H372				
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	<5	75980-60-8 278-355-8	01-2119972295-29-XXXX	015-203-00-X	
Classification:	Skin Sens. 1B;H317, Repr. 2;H361fd, Aquatic Chronic 2;H411				
Neopentylglycol, propoxylated esters with acrylic acid	<5	84170-74-1 -	01-2119970213-43-XXXX	-	
Classification:	Skin Sens. 1B;H317, Aquatic Chronic 2;H411				
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide	<5	162881-26-7 423-340-5	01-2119489401-38-XXXX	015-189-00-5	
Classification:	Skin Sens. 1A;H317, Aquatic Chronic 4;H413				
1,6-Hexanediol diacrylate	<1	13048-33-4 235-921-9	01-2119484737-22-XXXX	607-109-00-8	
Classification:	Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319				

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 the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed Not available.

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing media	Dry powder. Carbon dioxide (CO ₂). Water may be ineffective.
Unsuitable extinguishing media	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters	Not available.
Special fire fighting procedures	Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
- For emergency responders** Not available.

6.2. Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

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

6.4. Reference to other sections 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 away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits No exposure limits noted for ingredient(s).

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

Recommended monitoring procedures Not available.

Derived no effect levels (DNELs)

Components	Type	Route	Value	Form
1,6-Hexanediol diacrylate (CAS 13048-33-4)	Consumers	Dermal	1.66 mg/kg	Systemic long term
		Inhalation	7.24 mg/m ³	Systemic long term
		Oral	2.08 mg/kg	Systemic long term
	Workers	Dermal	2.77 mg/kg	Systemic long term
		Inhalation	24.48 mg/m ³	Systemic long term
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Workers	Dermal	0.7 mg/kg	Systemic long term
		Inhalation	4.9 mg/m ³	Systemic long term
2-phenoxyethyl acrylate (CAS 48145-04-6)	Workers	Inhalation	0.17 mg/m ³	Local long term
		Dermal	1.5 mg/kg	Systemic long term
		Inhalation	77 mg/m ³	Local long term
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)	Workers	Inhalation	10 mg/m ³	Systemic long term
		Dermal	0.233 mg/kg	Systemic long term
Dodecyl acrylate (CAS 2156-97-0)	Workers	Inhalation	0.822 mg/m ³	Systemic long term
		Dermal	138.9 mg/kg	Systemic long term
Glycerol, propoxylated, esters with acrylic acid (CAS 52408-84-1)	Workers	Inhalation	97.9 mg/m ³	Systemic long term
		Dermal	1.92 mg/kg	Systemic long term
Neopentylglycol, propoxylated esters with acrylic acid (CAS 84170-74-1)	Workers	Inhalation	3.7 mg/m ³	Systemic long term
		Dermal	3.33 mg/kg	Systemic long term
Oxybis(methyl-2,1-ethanediyl) diacrylate (CAS 57472-68-1)	Workers	Inhalation	11.75 mg/m ³	Systemic long term
		Dermal	2.77 mg/kg	Systemic long term
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)	Workers	Inhalation	24.48 mg/m ³	Systemic short term
		Dermal	3.3 mg/kg	Systemic long term
		Dermal	3.3 mg/kg	Systemic short term
		Inhalation	7.8 mg/m ³	Systemic long term
		Inhalation	7.8 mg/m ³	Systemic short term

Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
1,6-Hexanediol diacrylate (CAS 13048-33-4)	Not applicable	Freshwater	0.0015 mg/l	
		Marine water	0.00015 mg/l	
		Sediment	0.0243 mg/kg	Freshwater
		Sediment	0.00243 mg/kg	Marine water
		Soil	0.00397 mg/kg	
		STP	2.7 mg/l	Sewage Treatment Plant
		Freshwater	0.1 mg/l	
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Not applicable	Intermittent	1 mg/l	Releases
		Marine water	0.01 mg/l	
		Sediment	0.829 mg/kg	Freshwater
		Sediment	0.0829 mg/kg	Marine water
		Soil	0.107 mg/kg	
		STP	262 mg/l	Sewage Treatment Plant
		Freshwater	0.002 mg/l	
2-phenoxyethyl acrylate (CAS 48145-04-6)	Not applicable	Intermittent	0.0121 mg/l	Releases
		Marine water	0.0002 mg/l	
		Sediment	0.02 mg/kg	Freshwater
		Sediment	0.002 mg/kg	Marine water
		Soil	0.006 mg/kg	
		STP	1.77 mg/l	Sewage Treatment Plant
		Freshwater	0.00353 mg/l	
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)	Not applicable	Intermittent	0.0353 mg/l	Releases
		Marine water	0.0005353 mg/l	
		Sediment	0.29 mg/kg	Freshwater
		Sediment	0.029 mg/kg	Marine water
		Soil	0.0557 mg/kg	
		Freshwater	0.495 mg/l	
		Intermittent	0.52 mg/l	Releases
Dodecyl acrylate (CAS 2156-97-0)	Not applicable	Marine water	0.05 mg/l	
		Sediment	1245.42 mg/kg	Freshwater
		Sediment	124.54 mg/kg	Marine water
		Soil	248.09 mg/kg	
		STP	1000 mg/l	Sewage Treatment Plant
		Freshwater	0.00574 mg/l	
		Intermittent	0.0574 mg/l	Releases
Glycerol, propoxylated, esters with acrylic acid (CAS 52408-84-1)	Not applicable	Marine water	0.01697 mg/kg	
		Sediment	0.001697 mg/kg	Marine water
		Soil	0.00111 mg/kg	
		STP	10 mg/l	Sewage Treatment Plant
		Freshwater	0.0027 mg/l	
		Intermittent	0.027 mg/l	Releases
		Marine water	0.00027 mg/l	
Neopentylglycol, propoxylated esters with acrylic acid (CAS 84170-74-1)	Not applicable	Sediment	0.188 mg/kg	Freshwater
		Sediment	0.018 mg/kg	Marine water
		Soil	0.036 mg/kg	
		STP	0.2 mg/l	Sewage Treatment Plant
		Freshwater	0.0034 mg/l	
		Intermittent	0.034 mg/l	Releases
		Marine water	0.00034 mg/l	
Oxybis(methyl-2,1-ethanediyl) diacrylate (CAS 57472-68-1)	Not applicable	Sediment	0.00884 mg/kg	Freshwater
		Soil	0.0013 mg/kg	
		STP	100 mg/l	Sewage Treatment Plant
		Freshwater	0.8 mg/l	
		Intermittent	0.8 mg/l	Releases
		Marine water	0.00034 mg/l	
		Sediment	0.00884 mg/kg	Freshwater
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)	Not applicable	Soil	0.0013 mg/kg	
		STP	100 mg/l	Sewage Treatment Plant
		Freshwater	0.8 mg/l	
		Intermittent	0.8 mg/l	Releases
		Marine water	0.00034 mg/l	
		Sediment	0.00884 mg/kg	Freshwater
		Soil	0.0013 mg/kg	

Components	Type	Route	Value	Form
		Marine water	0.8 mg/l	
		STP	1 mg/l	Sewage Treatment Plant
Exposure guidelines	Exposure limits have not been established for this product.			
8.2. Exposure controls				
Appropriate engineering controls	Not available.			
Individual protection measures, such as personal protective equipment				
General information	Not available.			
Eye/face protection	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.			
Skin protection				
- Hand protection	Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.			
- Other	Wear appropriate chemical resistant clothing.			
Respiratory protection	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.			
Thermal hazards	Not available.			
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.			
Environmental exposure controls	Not available.			

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Cyan

Odor Characteristic.

Odor threshold Not available.

pH 6.8 - 7.2 Metler Toledo pH Meter. Temperature 25°C

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point > 230.0 °F (> 110.0 °C) Setaflash Closed Cup (Estimated)

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative 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 12.5 - 13.5 cP Cone and Plate Rheometer, Temperature 50°C. C60/1° Sensor. Values recorded at 4000 1/s.

Explosive properties Not available.

Oxidizing properties Not available.

9.2. Other information

VOC

18 g/l Method 24/ASTM D5409-93

SECTION 10: Stability and reactivity

10.1. Reactivity	Not available.
10.2. Chemical stability	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerization can occur with decreased inhibitor content.
10.4. Conditions to avoid	Exposure to sunlight.
10.5. Incompatible materials	Incompatible with strong bases and oxidizing agents. alkaline metals
10.6. Hazardous decomposition products	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 11: Toxicological information

General information Not available.

Information on likely routes of exposure

Inhalation	Inhalation may result in mild irritation to the respiratory system.
Skin contact	Causes skin irritation. May cause sensitization by skin contact.
Eye contact	Contact with eyes may result in mild irritation.
Ingestion	Ingestion is not a likely route of exposure.

Symptoms Not available.

11.1. Information on toxicological effects

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

Components	Species	Test Results
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1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)

Acute

Dermal

LD50	Rabbit	1700 mg/kg
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Inhalation

LC50	Rat	> 1.6 mg/l
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Oral

LD50	Rat	1114 mg/kg
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Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met. Non-corrosive. Not a known irritant. (OECD 437)

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

Skin sensitization May cause sensitization by skin contact.

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

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

Reproductive toxicity Suspected of damaging the unborn child. Suspected of damaging fertility.

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure May cause damage to organs (liver, respiratory system) through prolonged or repeated exposure.

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

Mixture versus substance information Not available.

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

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.

Components		Species	Test Results
2-phenoxyethyl acrylate (CAS 48145-04-6)			
<i>Acute</i>			
	EC10	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
	EC50	Desmodesmus subcapitatus	4.44 mg/l, 72 h (DIN 38412 L9)
	LC50	Leuciscus idus	10 mg/l, 96 h (DIN 38 412)
	NOEC	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	1.21 mg/l, 48 h (Directive CE 79/831/CEE, Annex V, Part C)
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)			
<i>Acute</i>			
	EC10	Pseudokirchneriella subcapitata	1.56 mg/l, 72 h (OECD 201)
	EC50	Pseudokirchneriella subcapitata	> 2.01 mg/l, 72 h (OECD 201)
	LC50	Cyprinus carpio	1.4 mg/l, 96 h (OECD 203)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	3.53 mg/l, 48 h (OECD 202)
Dodecyl acrylate (CAS 2156-97-0)			
<i>Acute</i>			
	ErC50	Pseudokirchneriella subcapitata	> 0.274 µg/l, 72 h (OECD 201)
	LC50	Leuciscus idus	460 mg/l, 96 h (DIN 38 412, part L 15, 1982)
	NOEC	Leuciscus idus	215 mg/l, 96 h (DIN 38 412, part L 15, 1982)
<i>Chronic</i>			
	LOEC	Daphnia magna	> 0.25 µg/l, 21 d (OECD 211)
Aquatic			
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	0.25 µg/l, 21 d (OECD 211)
Fish	LOEC	Danio rerio	> 1 µg/l, 36 d (OECD 210)
Neopentylglycol, propoxylated esters with acrylic acid (CAS 84170-74-1)			
<i>Acute</i>			
	EC10	Pseudokirchneriella subcapitata	2.3 mg/l, 72 h (OECD 201)
	EC50	Pseudokirchneriella subcapitata	11 mg/l, 72 h (OECD 201)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia Magna	37 mg/l, 48 h (OECD 202)
Fish	LC50	Danio rerio	2.7 mg/l, 96 h (OECD 203)
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)			
<i>Acute</i>			
	EC50	Desmodesmus subspicatus	> 260 µg/l, 72 h (OECD 201)
	LC50	Danio rerio	> 90 µg/l, 96 h (OECD 203)
	NOEC	Desmodesmus subspicatus	> 260 µg/l, 72 h (OECD 201)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	> 1175 µg/l, 48 h (OECD 202)
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	>= 8.1 µg/l, 21 d (OECD 211)
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		

Bioconcentration factor (BCF)

Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide

72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatsu No . 615, 4
MITI/MHW Chemical Substance Control Law, Japan)

Dodecyl acrylate

2.34, (EPA Epiwin (v.4.11))

Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide

5, (similar to OECD 305 C)

12.4. Mobility in soil Not available.**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.**12.6. Other adverse effects** Not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Residual waste** Not available.**Contaminated packaging** Not available.**EU waste code** Not available.**Disposal methods/information** Do not dispose of together with general office waste.
Do not allow this material to drain into sewers/water supplies.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.
Ensure collection and disposal with an appropriately licensed waste contractor.

SECTION 14: Transport information**DOT****UN number** UN3082**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT**Transport hazard class(es)****Class** 9**Subsidiary risk** -**Packing group** III**Environmental hazards****Marine pollutant** Yes**Special precautions for user** Not available.**DOT Supplemental Information** DOT Classification only applies to shipments within the US and Puerto Rico.**IATA****UN number** UN3082**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)**Transport hazard class(es)****Class** 9**Subsidiary risk** -**Packing group** III**Environmental hazards** Yes**Special precautions for user** Not available.**IMDG****UN number** UN3082**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT**Transport hazard class(es)****Class** 9**Subsidiary risk** -**Packing group** III**Transport hazard class(es)****Marine pollutant** Yes**EmS** F-A, S-F**Special precautions for user** Not available.**ADR****UN number** UN3082**UN proper shipping name** Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)**Transport hazard class(es)****Class** 9**Subsidiary risk** -**Hazard No. (ADR)** Not available.**Tunnel restriction code** Not available.**Packing group** III**Environmental hazards** Yes**Special precautions for user** Not available.

ADR; DOT; IATA; IMDG



Marine pollutant



SECTION 15: Regulatory information

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

EU regulations

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

Not listed.

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

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

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

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

National regulations

Ordinance of the Minister of Family, Labor and Social Policy of 12 June 2018 concerning maximum permissible concentrations and intensities of factors harmful to health in the work environment (Dz.U. 2018 /Journal of laws/ item. 1286).

Act on Waste of 14 December 2012 (Dz. U. /Journal of Laws/ of 2013, No. 0, item 21).

Act on Packaging and Packaging Waste Management of 13 June 2013 (Dz. U. /Journal of Laws/ of 2013, No. 0, item 888).

Announcement of the Speaker of the Sejm of the Republic of Poland, June 6th, 2019 on the publication of a consolidated text of the Act on Chemical Substances and Their Mixtures (Dz. U. 2019/Journal of laws/ item. 1225)

Regulation of the Minister of Labour and Social Policy on the general occupational health and safety regulations of 26 September 1997 (Dz. U. /Journal of Laws/ of 2003, No. 169, item 1650 as amended).

Poland. Substances that could yield hazardous waste (Law on waste, DZ.U. poz. 21/2013, Annex 4)

Not listed.

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

SECTION 16: Other information**References**

Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H361d Suspected of damaging the unborn child.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

Revision information

Composition / Information on Ingredients: Ingredients

Training information

Follow training instructions when handling this material.

Disclaimer

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

Safe Use of Mixture Information (SUMI)

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UV digital printing inks: UV01 *English*

Disclaimer

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

Operational conditions

Maximum duration	Up to 8 hours per day
Frequency of exposure	< 240 days per year
Process conditions	Covers use at ambient temperatures. Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides guidelines to ensure acceptable air quality in the workspace. Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS. Avoid direct contact. Regular cleaning of equipment and work area. Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions foll

Risk management measures

Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation

Wear safety glasses with side shields (or goggles), if splashing is possible.
Wear appropriate chemical resistant gloves: see section 8 of the SDS.
Wear appropriate chemical resistant clothing.
Eye wash fountain and emergency showers are recommended.
Avoid breathing mist/vapours.
Avoid contact with skin, eyes and clothing.
Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.



Good practice advice

Use personal protective equipment as required.
Wash hands before breaks and after work.
Keep good industrial hygiene and safety practice.
Use only with adequate ventilation.
Do no eat, drink or smoke when using this product.
Wash contaminated clothing before reuse.
Store in a well-ventilated place.
Keep container tightly closed.
Store at room temperature.



Environmental measures

Do not allow this material to drain into sewers/water supplies.
Dispose of waste material according to Local, State, Federal and Provincial Environmental Regulations.
Ensure collection and disposal with appropriately licenced waste contractor.

Use descriptors

IS-Use at industrial sites

PW-Widespread use by professional workers

SU7-Printing and reproduction media

PC18-Inks and Toners

PROC1-Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2-Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities

ERC5-Use at industrial site leading to inclusion into/onto article

ERC8c-Widespread use leading to inclusion into/onto article (indoor)

Additional information on product composition

In section 2 of the SDS as well as on the label, the classification of the mixture is provided.

The classification of the mixture is based on the individual ingredients and their concentration within the mixture.

All ingredients contributing to the classification are stated in Section 3 of the SDS.

Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.

The product may contain sensitizing ingredients that may cause allergic reaction to certain people.

Section 2 of the SDS states these ingredients where applicable.

The product is classified as toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.