



SAFETY DATA SHEET

Section 1. Identification of the chemical and information on the person placing the chemical on the market

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. Chemical identification

CP838Series

Other means of identification

Synonyms

HP HDR245 Yellow Scitex Ink Cartridge

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

HP Computing and Printing d.o.o., Omladinskih Brigada 90b, Belgrade
Serbia 11070

HP Europe B.V.
PO Box 667
1180 AR Amstelveen
The Netherlands
+31 20 721 3400

Telephone

HP Inc. health effect line

(Toll-free within 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

1.4 Emergency telephone number

1-760-710-0048

Section 2. Hazards identification

2.1. Classification of the substance or mixture

Physical hazards

Not classified.

Health hazards

Skin corrosion/irritation

Category 2

Skin sensitization

Category 1

Reproductive toxicity (fertility, the unborn child)

Category 2

Specific target organ toxicity - repeated exposure

Category 2 (liver, respiratory system)

Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard

Category 2

2.2. Label elements

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.

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.

Supplemental information None.

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-ethanediy) diacrylate	<25	57472-68-1 260-754-3	01-2119484629-21-XXXX	-	
Classification:	-				
2-phenoxyethyl acrylate	<20	48145-04-6 256-360-6	01-2119980532-35-XXXX	-	
Classification:	Repr. 2;H361d				
Glycerol, propoxylated, esters with acrylic acid	<15	52408-84-1 500-114-5	01-2119487948-12-XXXX	-	
Classification:	-				
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	<15	28961-43-5 -	-	-	
Classification:	-				
Dodecyl acrylate	<10	2156-97-0 218-463-4	01-2119976296-23-XXXX	-	
Classification:	-				
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				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2-Propenoic acid-1,6-hexanediylester, polymer with disubstituted alkane Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319	<5	67906-98-3	-	-	
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide Classification: Skin Sens. 1B;H317, Repr. 2;H361fd, Aquatic Chronic 2;H411	<5	75980-60-8 278-355-8	01-2119972295-29-XXXX	015-203-00-X	
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide Classification: -	<5	162881-26-7 423-340-5	01-2119489401-38-XXXX	015-189-00-5	
1,6-Hexanediol Diacrylate Classification: Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Irrit. 2;H319	<1	13048-33-4 235-921-9	01-2119484737-22-XXXX	607-109-00-8	
Propionic acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, diallyl ester Classification: Skin Sens. 1;H317, Aquatic Chronic 2;H411	<1	55818-57-0 500-130-2	01-2119490020-53-XXXX	-	

Section 4. First aid measures

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.

General information Not available.

Section 5. Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry powder. Carbon dioxide (CO2). 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.

General fire hazards Not available.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear appropriate personal protective equipment. 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 and 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/m3	Systemic long term
		Oral	2.08 mg/kg	Systemic long term
	Workers	Dermal	2.77 mg/kg	Systemic long term
		Inhalation	24.48 mg/m3	Systemic long term
		Dermal	0.7 mg/kg	Systemic long term
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Workers	Inhalation	4.9 mg/m3	Systemic long term
		Inhalation	0.17 mg/m3	Local long term
		Dermal	1.5 mg/kg	Systemic long term
2-phenoxyethyl acrylate (CAS 48145-04-6)	Workers	Inhalation	77 mg/m3	Local long term
		Inhalation	10 mg/m3	Systemic long term
		Dermal	0.233 mg/kg	Systemic long term
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)	Workers	Inhalation	0.822 mg/m3	Systemic long term
		Dermal	138.9 mg/kg	Systemic long term
Dodecyl acrylate (CAS 2156-97-0)	Workers	Inhalation	97.9 mg/m3	Systemic long term
		Dermal	1.92 mg/kg	Systemic long term
Glycerol, propoxylated, esters with acrylic acid (CAS 52408-84-1)	Workers	Inhalation	3.7 mg/m3	Systemic long term
		Dermal	2.77 mg/kg	Systemic long term
Oxybis(methyl-2,1-ethanediyl) diacrylate (CAS 57472-68-1)	Workers	Inhalation	24.48 mg/m3	Systemic short term
		Dermal	3.3 mg/kg	Systemic long term
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)	Workers	Dermal	3.3 mg/kg	Systemic short term
		Inhalation	7.8 mg/m3	Systemic long term
		Inhalation	7.8 mg/m3	Systemic short term
		Dermal	17.5 mg/kg	Systemic long term
Propionic acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, diallyl ester (CAS 55818-57-0)	Workers	Inhalation	122.5 mg/m3	Systemic long 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
		Intermittent	1 mg/l	Releases
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)	Not applicable	Freshwater	0.1 mg/l	

Components	Type	Route	Value	Form		
2-phenoxyethyl acrylate (CAS 48145-04-6)	Not applicable	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			
		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		
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide (CAS 75980-60-8)	Not applicable	Soil	0.006 mg/kg			
		STP	1.77 mg/l	Sewage Treatment Plant		
		Freshwater	0.00353 mg/l			
		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		
		Marine water	0.01697 mg/kg			
		Sediment	0.001697 mg/kg	Marine water		
		Soil	0.00111 mg/kg			
Glycerol, propoxylated, esters with acrylic acid (CAS 52408-84-1)	Not applicable	STP	10 mg/l	Sewage Treatment Plant		
		Freshwater	0.0034 mg/l			
		Intermittent	0.034 mg/l	Releases		
		Marine water	0.00034 mg/l			
		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	0.8 mg/l			
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide (CAS 162881-26-7)	Not applicable	STP	1 mg/l	Sewage Treatment Plant		
		Freshwater	0.1 mg/l			
		Intermittent	1 mg/l	Releases		
		Marine water	0.01 mg/l			
		Sediment	35.8 mg/kg	Freshwater		
		Sediment	3.58 mg/kg	Marine water		
		Soil	7.1 mg/kg			
		STP	10 mg/l	Sewage Treatment Plant		
		Propionic acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, diallyl ester (CAS 55818-57-0)	Not applicable	STP	10 mg/l	Sewage Treatment Plant
				Freshwater	0.1 mg/l	
Intermittent	1 mg/l			Releases		
Marine water	0.01 mg/l					
Sediment	35.8 mg/kg			Freshwater		
Sediment	3.58 mg/kg			Marine water		
Soil	7.1 mg/kg					
STP	10 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	Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.
- 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	Yellow
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.
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	16 g/l Method 24/ASTM D5409-93
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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 Non-corrosive. Not a known irritant. Based on available data, the classification criteria are not met. (OECD 437)

Respiratory or skin sensitization

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. Ecotoxicological 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
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2-phenoxyethyl acrylate (CAS 48145-04-6)

Acute

EC10	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
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EC50	Desmodesmus subcapitatus	4.44 mg/l, 72 h (DIN 38412 L9)
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LC50	Leuciscus idus	10 mg/l, 96 h (DIN 38 412)
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NOEC	Desmodesmus subcapitatus	0.71 mg/l, 72 h (DIN 38412 L9)
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Aquatic**Acute**

Crustacea	EC50	Daphnia magna	1.21 mg/l, 48 h (Directive CE 79/831/CEE, Annex V, Part C)
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Components	Species	Test Results	
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)
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)
Propionic acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, diallyl ester (CAS 55818-57-0)			
<i>Acute</i>			
	EC50	Pseudokirchneriella subcapitata	105 mg/l, 72 h (OECD 201)
	LC50	Cyprinus carpio	> 0.082 mg/l, 96 h (OECD 203)
	NOEC	Pseudokirchneriella subcapitata	29 mg/l, 72 h (OECD 201)
Aquatic			
<i>Acute</i>			
Crustacea	EC50	Daphnia magna	> 16 mg/l, 48 h (OECD 202)
	NOEC	Daphnia magna	> 16 mg/l, 48 h (OECD 202)
<i>Chronic</i>			
Crustacea	EC10	Daphnia magna	> 0.51 mg/l, 21 d (OECD 211)
	NOEC	Daphnia magna	> 0.51 mg/l, 21 d (OECD 211)
Fish	EC10	Pimephales promelas	0.43 mg/l, 33 d (OECD 210)
	NOEC	Pimephales promelas	0.25 mg/l, 33 d (OECD 210)
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))		

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

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

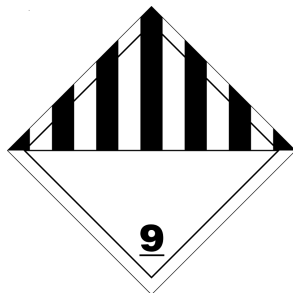
UN number	UN3082
UN proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	III
Environmental hazards	Yes
Special precautions for user	Not available.

IMDG

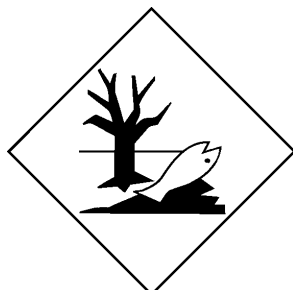
UN number	UN3082
UN proper shipping name	Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	III
Transport hazard class(es)	
Marine pollutant	Yes
EmS	F-A, S-F
Special precautions for user	Not available.

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.



Marine pollutant



Section 15. Regulatory information

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

Restrictions and prohibitions on manufacture, placing on the market and use of chemicals (Regulation 90/2013, Annex 1, Part 1, as amended)

Not listed.

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).

International 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.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

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.
H319 Causes serious eye 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.

Revision information

3. Composition / Information on Ingredients: Disclosure Overrides

Training information

Follow training instructions when handling this material.

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