SAFETY DATA SHEET

1. Identification of the chemical and information about the manufacturer or supplier

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 Identification of the chemical products

1.1.1 Technical name CP840Series

Other means of identification

Synonyms HP HDR245 Light Cyan Scitex Ink

1.1.2 Recommended use of the chemical and restrictions on use

Recommended use Inkjet printing

Limitations on use None known.

1.2 Manufacturer/Importer/Supplier/Distributor information

1.2.1 Manufacturer

HP Inc. Limited Liability Company
Highway Leningradskoe, House 16A, Building 3,
125171, Moscow
Russian Federation

Telephone 8 (499) 921-32-50

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

2.1. Hazard identification of chemical product as a whole (classification according to GOST 12.1.007-76 and GHS)

Classification according to GOST 12.1.007-76 Not available.

GHS classification

Physical hazards	Not classified.	
Health hazards	Acute toxicity, oral	Category 5
	Acute toxicity, dermal	Category 5
	Skin corrosion/irritation	Category 2
	Reproductive toxicity (fertility, the unborn child)	Category 2
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 2

2.2 Labeling elements in compliance with GOST 31340-2013

2.2.1 Signal word Warning

2.2.2 Symbols

2.2.3 Hazard statement

H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P202	Do not handle until all safety precautions have been read and understood.
P201	Obtain special instructions before use.
P264	Wash hands thoroughly after handling.
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.
P391	Collect spillage.
P362	Take off contaminated clothing and wash before reuse.

Storage

P405	Store locked up.

Disposal

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

Other hazards Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Supplemental information None.

3. Composition/information on ingredients

3.1 Information on product as a whole

3.1.1 Chemical name (IUPAC) CP840Series

3.1.2 Chemical formula Not available.

3.1.3 General description of the composition (taking into account the brand assortment; preparation method) Not available.

3.2 Components

		Hygienic standards in the working area				
Components	**Concentration by weight (%)**	**MAC, mg/m3**	**TSEL, mg/m3**	**Hazard classification**	**CAS-No.**	**EC No.**
2-phenoxyethyl acrylate	<25	None.	None.		48145-04-6	256-360-6
Oxybis(methyl-2,1-ethanediyl) diacrylate	<25	None.	None.		57472-68-1	260-754-3
Glycerol, propoxylated, esters with acrylic acid	<15	None.	None.		52408-84-1	500-114-5
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	<15	None.	None.		28961-43-5	-
Dodecyl acrylate	<10	None.	None.		2156-97-0	218-463-4
2-Propenoic acid-1,6-hexanediylester, polymer with disubstituted alkane	<5	None.	None.		67906-98-3	-
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	<5	None.	None.		75980-60-8	278-355-8
Phenyl, Bis(2,4,6-trimethylbenzoyl)-phosphine oxide	<2.5	None.	None.		162881-26-7	423-340-5
1,6-Hexanediol diacrylate	<1	None.	None.		13048-33-4	235-921-9

Components	Concentration by weight (%)	Hygienic standards in the working area MAC, mg/m3	TSEL, mg/m3	Hazard classification	CAS-No.	EC No.
Aluminum, Tris(N-hydroxy-N-nitrosobenzenaminato-O,O')-	<0.1	None.	None.		15305-07-4	239-341-7
Tert-butyl Peroxy-2-ethylhexanoate	<0.1	None.	None.		3006-82-4	221-110-7

4. First-aid measures

4.1. Observed symptoms

4.1.1 In case of exposure via inhalation Inhalation may result in mild irritation to the respiratory system.

4.1.2 In contact with skin Causes skin irritation. May cause sensitization by skin contact.

4.1.3 In contact with eyes Contact with eyes may result in mild irritation.

4.1.4 In case of exposure via ingestion Ingestion is not a likely route of exposure.

4.2 First-aid measures to be provided to victims

4.2.1 In case of exposure via inhalation Move to fresh air. If symptoms persist, get medical attention.

4.2.2 In contact with skin Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

4.2.3 In contact with eyes 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.

4.2.4 In case of exposure via 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.

4.2.5 Contraindications Not available.

5. Fire-fighting and explosion safety measures and means

5.1 General characteristics of fire-explosion properties Not available.

5.2 Fire-explosion indicators Not available.

5.3 Combustion and/or thermal destruction products and hazards arising from these Not available.

5.4 Recommended extinguishing media Dry powder. Carbon dioxide (CO2). Water may be ineffective.

5.5 Forbidden extinguishing media Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

5.6 Special protective equipment for firefighters Not available.

5.7 Specific extinguishing methods Not available.

Special fire fighting procedures Avoid runoff into storm sewers and ditches which lead to waterways.

6. Accident and emergency prevention and response measures and their consequences

6.1 Measures to prevent harmful effects on people, environment, buildings, constructions, etc. in case of accidents and emergencies

6.1.1 General required actions in case of an accident or emergency Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

6.1.2 Personal protection equipment in case of the accident Not available.

6.2 Procedures for the elimination of accidents and emergencies

6.2.1 Procedures in case of leaks, spills, splashes Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

6.2.2 Actions in case of fire Not available.

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

7. Storage and handling requirements of chemicals during loading and unloading

7.1 Safety precautions when handling chemical products

7.1.1 Technical safety measures	Not available.
7.1.2 Environmental protection measures	Not available.
7.1.3 Recommended safe handling and transportation advice	Avoid contact with skin, eyes and clothing.

7.2 Chemical storage requirements

7.2.1 Terms and conditions for safe storage	Not available.
7.2.2 Packaging	Not available.
7.3 Safety measures and storage requirements at domestic use	Do not handle or store near an open flame, heat or other sources of ignition. Keep away from excessive heat or cold. Do not store in direct sunlight. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Equipment for monitoring exposure and personal protective equipment

8.1 Parameters of the working area that require monitoring

Occupational exposure limits	No exposure limits noted for ingredient(s).
8.2 Measures to ensure the content of harmful substances in the working area below the exposure level concentration	Exposure limits have not been established for this product.

8.3 Worker personal protective equipment

8.3.1 General recommendations	Not available.
8.3.2 Respiratory protection	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
8.3.3 Protective equipment	
Eye/face protection	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
Hand protection	Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing.
Thermal hazards	Not available.
8.3.4 Personal protection equipment in case of domestic use	Not applicable.
General hygiene considerations	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.

9. Physical and chemical properties

9.1 Physical appearance

Physical state	Liquid.
Form	Liquid.
Color	Light Cyan
Odor	Characteristic.
Odor threshold	Not available.

9.2 Parameters characterizing basic properties of the product

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)
Auto-ignition temperature	Not available.

Decomposition temperature	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Density	1.00 g/cm3
Viscosity	12.5 - 13.5 cP Cone and Plate Rheometer, Temperature 50°C. C60/1° Sensor. Values recorded at 4000 1/s.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Other data	
VOC	18 g/l Method 24/ASTM D5409-93

10. Stability and reactivity

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

11. Toxicological information

11.1 General exposure characteristics	Not available.
11.2 Routes of exposure	Not available.
11.3 Affected/target organs, tissues and systems of humans	
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
11.4 Information on health hazards in case of direct exposure to the product and its effect	
Effect on upper respiratory tract irritation	Not available.
Respiratory or skin sensitization	Not available.
Respiratory sensitization	Based on available data, the classification criteria are not met.
Skin sensitization	May cause sensitization by skin contact.
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)
Aspiration hazard	Based on available data, the classification criteria are not met.
11.5 Information on long-term hazardous health effects	
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Suspected of damaging the unborn child. Suspected of damaging fertility.
Mutagenicity	Based on available data, the classification criteria are not met.
Cumulativeness	Not available.
Chronic effects	Not available.
11.6 Acute toxicity data	May be harmful if swallowed. May be harmful in contact with skin.
Further information	Complete toxicity data are not available for this specific formulation

12. Environmental impact information

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.

12.1 General description of the impact on the environment Not available.

12.2 Routes of exposure to environment Not available.

12.3 The most important characteristics of the environmental impact

12.3.1 Hygienic standards Not available.

12.3.2 Ecotoxicity

Components		Species	Test Results
2-phenoxyethyl acrylate (CAS 48145-04-6)			
Acute			
	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			
Acute			
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)			
Acute			
	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			
Acute			
Crustacea	EC50	Daphnia magna	3.53 mg/l, 48 h (OECD 202)
Dodecyl acrylate (CAS 2156-97-0)			
Acute			
	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)
Chronic			
	LOEC	Daphina magna	> 0.25 µg/l, 21 d (OECD 211)
Aquatic			
Chronic			
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)			
Acute			
	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			
Acute			
Crustacea	EC50	Daphnia magna	> 1175 µg/l, 48 h (OECD 202)
Chronic			
Crustacea	NOEC	Daphnia magna	>= 8.1 µg/l, 21 d (OECD 211)

12.3.3 Biomigration and transformation of the environment due to the biodegradation or other processes

Persistence and degradability Not available.

Bioaccumulative potential

Bioconcentration factor (BCF)

Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatsu No . 615, 49-Kikyoku No . 392, 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)

Mobility in soil Not available.

Other adverse effects Not available.

13. Recommendations for waste (residues) disposal

13.1 Safety precautions when handling the waste generated during use, storage, transportation
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.

13.2 Information on the location and disposal methods, recycling or disposal of product waste, including packaging Not available.

13.3 Recommendation on the waste disposal generated during its domestic use Not available.

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

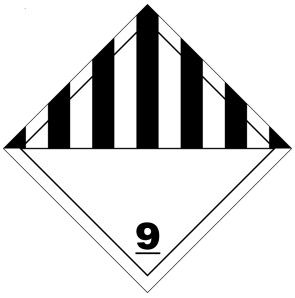
UN number UN3082
UN proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group III
Transport hazard class(es)
Marine pollutant Yes
EmS F-A, S-F
Special precautions for user Not available.

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

15. National and international regulatory information

15.1 National legislation

15.1.1 Laws of the Russian Federation Not available.

15.1.2 Information about the documentation, regulatory requirements for the protection of human health and environment

Sanitary-Epidemiological Rules,1.2.2353-08, Chemical substances, mixtures and products which are carcinogenic factors, 21 April 2008

Not listed.

15.2 International Conventions and Agreements 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.

16. Other information

16.1 Information on revision of the SDS

Issue date	27-May-2016
Revision date	21-Apr-2021
Version #	09
Previous SDS number	Not applicable.
Revision information	3. Composition / Information on Ingredients: Disclosure Overrides

16.2 List of references used in compiling the safety data sheet Not available.

Disclaimer

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

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds