



SAFETY DATA SHEET

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

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1.1 Identification of the chemical products

1.1.1 Technical name CP798Series

Other means of identification

Synonyms HP FB225 Light Black 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
8 (499) 921-32-50

Telephone

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 Skin corrosion/irritation Category 2
Reproductive toxicity Category 1B
Specific target organ toxicity, repeated exposure Category 1

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 1
Hazardous to the aquatic environment, long-term hazard Category 1

2.2 Labeling elements in compliance with GOST 31340-2013

2.2.1 Signal word Danger

2.2.2 Symbols



2.2.3 Hazard statement

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H360FD May damage fertility. May damage the unborn child.
H372 Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement

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.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
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.
P314	Get medical attention/advice if you feel unwell.
P391	Collect spillage.
P362	Take off contaminated clothing and wash before reuse.

Storage

P405	Store locked up.
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Disposal

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

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.

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)	CP798Series
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

Components	Hygienic standards in the working area				CAS-No.	EC No.
	Concentration by weight (%)	MAC, mg/m3	TSEL, mg/m3	Hazard classification		
1,10-decanediol diacrylate	<30	None.	None.		13048-34-5	235-922-4
Propylidynetrimethanol, ethoxylated esters with acrylic acid	<20	None.	None.		28961-43-5	-
Tetrahydrofurfuryl acrylate	<20	None.	None.		2399-48-6	219-268-7
1-vinylhexahydro-2H-azepin-2-one	<10	None.	None.		2235-00-9	218-787-6
Isodecyl acrylate	<10	None.	None.		1330-61-6	215-542-5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	<5	None.	None.		75980-60-8	278-355-8
Neopentylglycol, propoxylated esters with acrylic acid	<2.5	None.	None.		84170-74-1	-
Glycerol, propoxylated, esters with acrylic acid	<1	None.	None.		52408-84-1	500-114-5

Components	Hygienic standards in the working area				CAS-No.	EC No.
	Concentration by weight (%)	MAC, mg/m3	TSEL, mg/m3	Hazard classification		
2,6-bis(1,1-dimethylethyl)-4-(phenylenemethylene)cyclohexa-2,5-dien-1-one	<0.1	None.	None.		7078-98-0	429-460-4

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 Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness.

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** Black.

Odor Characteristic.

Odor threshold Not available.

9.2 Parameters characterizing basic properties of the product

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

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point 235.4 °F (113.0 °C) Closed Cup EPA Method 1020

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 0.92 g/cm³

Viscosity 13 - 14 cP Brookfield Viscometer (± 0.5) Temperature 40°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient (n-octanol/water) Not available.

Other data

VOC 22 g/L Method 24A/ASTM D5403-93

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 Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

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. Non-corrosive (OECD 431).

Serious eye damage/eye irritation Based on available data, the classification criteria are not met. Not classified as an irritant according to, 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.

Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation.

Reproductive toxicity May damage fertility. May damage the unborn child.

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

Cumulativeness Not available.

Chronic effects Not available.

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

Components	Species	Test Results
1-vinylhexahydro-2H-azepin-2-one (CAS 2235-00-9)		
Acute		
Dermal		
LD50	Rabbit	1700 mg/kg
Inhalation		
LC50	Rat	> 1.6 mg/l
Oral		
LD50	Rat	1114 mg/kg
Further information	Complete toxicity data are not available for this specific formulation	

12. Environmental impact information

Aquatic toxicity Very toxic to aquatic life with long lasting 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	
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)
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)

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)

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

Not regulated as dangerous goods.

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.

IATA Supplemental Information When shipping ≤ 5L inner packaging, Special Provision A197 may apply.

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.

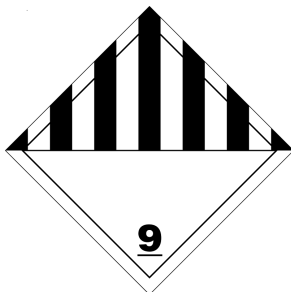
IMDG Supplemental Information When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

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 Supplemental Information When shipping ≤ 5L containers, ADR 375 may apply.

ADR; IATA; IMDG





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 16-Jul-2013

Revision date 20-Apr-2021

Version # 20

Previous SDS number Not applicable.

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

Disclaimer

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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