



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 CP841Series

Other means of identification

Synonyms HP HDR245 Light Magenta Scitex Ink Cartridge

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) CP841Series

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 | Concentration by weight (%) | Hygienic standards in the working area | | | CAS-No. | EC No. |
|---|-----------------------------|--|-------------------------|-----------------------|------------|-----------|
| | | MAC, mg/m ³ | TSEL, mg/m ³ | Hazard classification | | |
| 2-phenoxyethyl acrylate | <30 | 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 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | <5 | None. | None. | | 75980-60-8 | 278-355-8 |
| 1,6-Hexanediol diacrylate | <1 | None. | None. | | 13048-33-4 | 235-921-9 |
| 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 Magenta

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) Setflash 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 | 16 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) <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) |
| | | |

| Components | | Species | Test Results |
|--|-------|---------------------------------|--|
| | 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) |

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))

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

Marine pollutant 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.

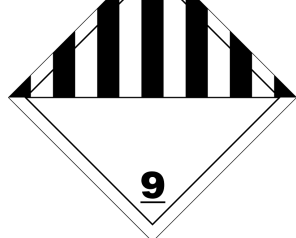
Packing group III

Environmental hazards

Marine pollutant 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.

Federation

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 26-May-2016

Revision date 15-Apr-2021

Version # 10

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 |