



SAFETY DATA SHEET

1. Identification

GHS product identifier CH132Series
Version # 01
Issue date 18-Oct-2016
Recommended use Inkjet printing.
Recommended Restrictions Not available.
Synonym(s) HP Scitex FB240 Yellow Ink
Manufacturer information HP Inc.
Company identification HP Deutschland GmbH
Schickardstrasse 32, Geb. Businesspark, Boeblingen B01 (SUO07) - 1st Floor Eingang A
Boeblingen
Germany 71034

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

2. Hazards identification

GHS classification

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Skin sensitizer Category 1
Toxic to reproduction Category 2
Specific target organ toxicity - repeated exposure Category 1
Environmental hazards Chronic hazards to the aquatic environment Category 2

GHS label elements

Signal word Danger



Hazard statement Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. 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 | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention. 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. P391 - Collect spillage. P362 - Take off contaminated clothing and wash before reuse. |
| Storage | P405 - Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |

Other hazards which do not result in classification Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).

Contains Nickel. May cause cancer.

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

Proprietary initiator - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

Supplemental information Contains Glycerolpropoxytriacylate. May produce an allergic reaction.

3. Composition/information on ingredients

| Components | CAS # | Percent |
|---|-------------|---------|
| 2-phenoxyethyl acrylate | 48145-04-6 | <40 |
| 1-vinylhexahydro-2H-azepin-2-one | 2235-00-9 | <25 |
| Tridecyl acrylate | 3076-04-8 | <25 |
| [2-(hydroxymethyl)-3-prop-2-enoyloxy-2-[[3-prop-2-enoyloxy-2,2-bis(prop-2-enoyloxymethyl)propoxy]methyl]propyl] prop-2-enoate | 60506-81-2 | <10 |
| Neopentylglycol propoxylate diacrylate | 84170-74-1 | <10 |
| Poly (ethylene glycol) diacrylate | 26570-48-9 | <5 |
| Proprietary initiator | Proprietary | <5 |
| Benzophenone | 119-61-9 | <2.5 |
| Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes | 68511-62-6 | <2.5 |
| 2-benzyl-2-dimethylamino-4-morpholinobutyrophenone | 119313-12-1 | <1 |

4. First aid measures

First aid procedures

| | |
|-------------------|---|
| Inhalation | Move to fresh air. If symptoms persist, get medical attention. |
| Skin | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention. |
| Eye | 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. |

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

Notes to physician Not available.

5. Fire-fighting measures

| | |
|--|--|
| 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. |
| Specific hazards arising from the chemical | Not available. |
| Protective equipment and precautions for firefighters | Not available. |
| Protection of fire-fighters | Avoid runoff into storm sewers and ditches which lead to waterways. |

6. Accidental release measures

| | |
|----------------------------------|---|
| Personal precautions | Wear appropriate personal protective equipment. Do not touch or walk through spilled material. |
| Environmental precautions | Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations. |
| Methods for containment | Not available. |
| Methods for cleaning up | Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. |
| Other information | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |

7. Handling and storage

| | |
|-----------------|---|
| Handling | Avoid contact with skin, eyes and clothing. |
| Storage | 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. |

8. Exposure controls / personal protection

| | |
|--|--|
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Exposure guidelines | Exposure limits have not been established for this product. |
| Recommended monitoring procedures | Not available. |
| Personal protective equipment | |
| Eye/face protection | Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended. |
| Skin protection | Wear appropriate chemical resistant clothing. |
| Respiratory protection | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. |
| Hand protection | Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness. |
| 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

| | |
|---|--|
| Appearance | |
| Physical state | Liquid. |
| Color | Yellow |
| Form | Liquid. |
| Odor | Characteristic. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/Freezing point | Not available. |
| Boiling point | Not available. |
| Flash point | > 199.9 °F (> 93.3 °C) Closed Cup EPA Method 1020A |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Flammability limits in air, upper, % by volume | 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 | Not available. |
| VOC (Weight %) | < 95 g/L Method 24/ASTM D5409-93 |
| Other data | |
| Chemical family | Acrylate/Polymer/Pigment Blend |

10. Stability and reactivity

| | |
|---|---|
| Chemical stability | Stable under normal storage conditions. |
| Possibility of hazardous reactions | Hazardous polymerization can occur with decreased inhibitor content. |
| Conditions to avoid | Exposure to sunlight. |
| Incompatible materials | Incompatible with strong bases and oxidizing agents. alkaline metals |
| Hazardous decomposition products | Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

11. Toxicological information

Toxicological data

| Components | Species | Test Results |
|---|---|--------------|
| Benzophenone (CAS 119-61-9) | | |
| Acute | | |
| <i>Oral</i> | | |
| LD50 | Mouse | 2895 mg/kg |
| <i>Other</i> | | |
| LD50 | Mouse | 727 mg/kg |
| Acute toxicity | Based on available data, the classification criteria are not met. | |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory sensitizer | Based on available data, the classification criteria are not met. | |
| Skin sensitization | May cause sensitization by skin contact. | |
| Mutagenicity | Based on available data, the classification criteria are not met. None known. | |
| Carcinogenicity | Based on available data, the classification criteria are not met. | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| Benzophenone (CAS 119-61-9) | 2B Possibly carcinogenic to humans. | |
| Reproductive toxicity | 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 | Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. | |
| Aspiration hazard | Based on available data, the classification criteria are not met. | |
| Other information | Complete toxicity data are not available for this specific formulation | |

12. Ecological 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.

Ecotoxicological data

| Components | Species | Test Results |
|------------------------------|----------------|---|
| Benzophenone (CAS 119-61-9) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (<i>Pimephales promelas</i>) 9.64 - 12.31 mg/l, 96 hours |
| Environmental effects | Not available. | |

13. Disposal considerations

Disposal methods 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.

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
Environmental hazards
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

Proper shipping name Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
Hazard class 9
UN number 3082
Packing group III
Marine pollutant Yes

ADR supplemental information

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

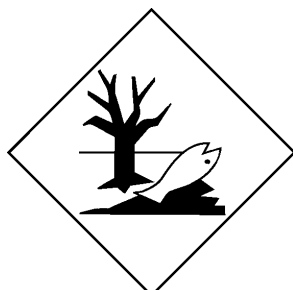
IATA; IMDG





ADR

Marine pollutant



15. Regulatory information

Regulatory information

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/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

16. Other information

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.

SDS sections updated

3. Composition / Information on Ingredients: Ingredients
9. Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States
GHS: Qualifiers

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 |

Manufacturer information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
Product Information 1-800-925-0563