



SAFETY DATA SHEET

1. Identification

Name of the substance or mixture (trade name) CH877Series

Synonyms HP FB210 Specialty Flexible Light Cyan Scitex Ink

Major recommended uses for the substance or mixture Inkjet printing

Specific restrictions for use of the substance or mixture Not available.

Manufacturer/Importer/Distributor information

Company identification HP Colombia SAS
Carrera 7 No 99-53 Torre B Pisos 7
Bogota, Colombia

Telephone (57) 1 639 0000

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. Hazards identification

Classification of the substance or mixture

| | | |
|------------------------------|--|--|
| Physical hazards | Not classified. | |
| Health hazards | Serious eye damage/eye irritation | Category 2A |
| | Sensitization, skin | Category 1 |
| | Reproductive toxicity (fertility, the unborn child) | Category 1B |
| | Specific target organ toxicity, repeated exposure | Category 1 (liver, respiratory system) |
| Environmental hazards | Hazardous to the aquatic environment, long-term hazard | Category 2 |

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

Causes serious eye irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid release to the environment.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF exposed or concerned: Get medical attention/advice. Get medical attention/advice if you feel unwell. Collect spillage. Wash contaminated clothing before reuse.

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| Storage | Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Other hazards which do not result in classification | Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance. |
| Supplemental information | None. |

3. Composition/information on ingredients

Mixture

| Common chemical name or technical name | CAS number | Concentration or concentration range |
|---|-------------|--------------------------------------|
| Acrylic acid ester | Proprietary | <50 |
| Vinylcaprolactam | Proprietary | <25 |
| Polyether acrylate | Proprietary | <20 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine | Proprietary | <5 |
| Difunctional acrylic monomer | Proprietary | <5 |
| Acrylate ester 5 | Proprietary | <2.5 |
| Propiophenone derivative | Proprietary | <2.5 |

4. First-aid measures

First-aid measures

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| 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. |
| Most important symptoms/effects, acute and delayed | Not available. |
| Notes to physician | Not available. |

5. Fire-fighting measures

Means of fire extinguishing

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| 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. |
| Unusual fire & explosion hazards | None known. |
| Specific hazards arising from the chemical | Not available. |
| Special fire fighting procedures | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Protective measures taken by firefighting crews | Not available. |

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

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| To be taken by those who are not involved in rendering emergency services | Wear appropriate personal protective equipment. Do not touch or walk through spilled material. |
| To be taken by those who are involved in rendering emergency services | Not available. |

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| 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 and materials for containment and cleaning up | Not available. |
| Other issues relating to spills and releases | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |

7. Handling and storage

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| Precautions for safe handling | Avoid contact with skin, eyes and clothing. |
| 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. |

8. Exposure controls/personal protection

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| Control parameters | |
| 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. |
| Appropriate engineering controls | Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits. |
| Personal protective measures | |
| Eyes and 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. |

9. Physical and chemical properties

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| Appearance | |
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Light Cyan |
| Odor | Characteristic. |
| Odor threshold | Not available. |
| pH | Not applicable. |
| Melting point/freezing point | Not determined. |
| Initial boiling point and boiling temperature range | Not determined. |
| Flash point | > 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020 |
| Evaporation rate | Not determined. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | Not determined. |
| Vapor density | Not available. |

Solubility(ies)

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|--|----------------|
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |

Other physical and chemical parameters

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|------------|----------------------------------|
| VOC | < 95 g/L Method 24/ASTM D5409-93 |
|------------|----------------------------------|

10. Stability and reactivity

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| Reactivity | Not available. |
| 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**Information on likely routes of exposure**

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|---|---|
| Inhalation | Inhalation may result in mild irritation to the respiratory system. |
| Skin contact | May cause sensitization by skin contact. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Ingestion is not a likely route of exposure. |
| Symptoms | Not available. |
| Acute toxicity | Based on available data, the classification criteria are not met. |
| Skin irritation and corrosion | Based on available data, the classification criteria are not met. |
| Serious eye damage/eye irritation | Causes serious eye irritation. |
| 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. |
| Toxic to reproduction | May damage fertility. May damage the unborn child. |
| 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

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| 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. |
| Ecotoxicity | No ecotoxicity data noted for the ingredient(s). |
| Persistence and degradability | Not available. |
| Bioaccumulative potential | |
| Partition coefficient n-octanol / water (log Kow) | Not available. |
| Bioconcentration factor (BCF) | Not available. |
| Mobility in soil | Not available. |

Other adverse effects Not available.

13. Considerations on final disposal

Recommended methods for final destination

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|-----------------------------------|--|
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| Local disposal regulations | 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, Propiophenone derivative) |
| 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, Propiophenone derivative), 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. |

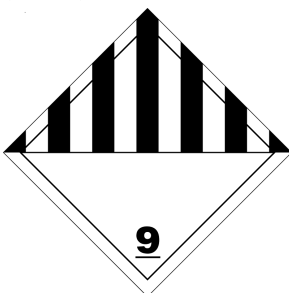
IMDG Supplemental Information When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

ADR

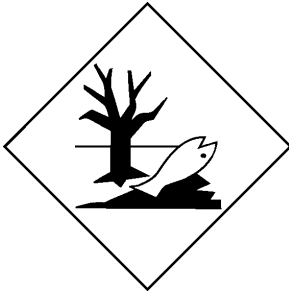
| | |
|-------------------------------------|---|
| UN number | UN3082 |
| UN proper shipping name | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| Transport hazard class(es) | |
| Class | 9 |
| Subsidiary risk | - |
| Hazard No. (ADR) | Not available. |
| 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



Marine pollutant



15. Regulatory information

Federal regulations

Colombia. Controlled Substances (Resolution No. 009 of 1987 nationally regulating the transport & use of substances in subparag. f) of article 20 of Law 30 of 1986, as amended)

Not listed.

Venezuela. Chemical Precursors (Official Gazette No. 34.741, List I & II)

Not regulated.

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, South Korea, New Zealand, and China.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Revision information

Product and Company Identification: Synonyms
Composition / Information on Ingredients: Ingredients
Physical & Chemical Properties: Physical & Chemical Properties
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States
GHS: Qualifiers

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.

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 |