



SAFETY DATA SHEET

1. Identification

Other means of identification

| | |
|--|--|
| Common name(s), synonym(s) | HP FB210 Cyan Scitex Ink |
| Name of the substance or mixture (trade name) | CN863Series |
| Synonyms | HP FB210 Cyan Scitex Ink |
| Issue date | 13-Aug-2016 |
| Revision date | 08-Feb-2018 |
| Version # | 02 |
| Major recommended uses for the substance or mixture | Inkjet printing |
| Specific restrictions for use of the substance or mixture | Not available. |
| Company identification | HP-PPS Ecuador Cia. Ltda, Avenida 12 de Octubre N24-739 y Avenida Cristóbal Colón, Edificio Boreal, Torre A, Piso 11, Oficinas 1101 y 1102, Quito, Pichincha, 170517, Ecuador |
| HP Inc. health effect line (Toll-free within US) (Direct) | 1-800-457-4209 1-760-710-0048 |
| HP Inc. Customer Care Line (Toll-free within the US) (Direct) | 1-800-474-6836 1-208-323-2551 |
| Email: | hpcustomer.inquiries@hp.com |

2. Hazards identification

Classification of the substance or mixture

| | | |
|--|---|---|
| Physical hazards | Not classified. | |
| Health hazards | Acute toxicity, oral | Category 5 |
| | Acute toxicity, dermal | Category 5 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2A |
| | Sensitization, skin | Category 1 |
| | Reproductive toxicity (fertility, the unborn child) | Category 1B |
| | Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |
| 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) May be harmful if swallowed. May be harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. May cause respiratory irritation. 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. Use only outdoors or in a well-ventilated area. 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. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell. Collect spillage. Take off contaminated clothing and wash before reuse. |
| Storage | Store locked up. Store in a well-ventilated place. Keep container tightly closed. |
| 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.

Supplemental information None.

3. Composition/information on ingredients

Substance or mixture Mixture

| Common chemical name or technical name | CAS number | Concentration or concentration range |
|---|-------------------|---|
| Acrylate ester 6 | Proprietary | <30 |
| Vinylcaprolactam | Proprietary | <30 |
| Amine modified polyetheracrylate | Proprietary | <25 |
| Aliphatic diacrylate | Proprietary | <7.5 |
| Propiophenone derivative | Proprietary | <5 |
| Substituted Phosphine Oxide | Proprietary | <5 |
| Benzoic acid, 4-(dimethylamino)-, ethyl ester | 10287-53-3 | <2.5 |
| Blue pigment | Proprietary | <2.5 |
| Dipropylene Glycol Diacrylate | Proprietary | <2.5 |
| D-Limonene | 5989-27-5 | <1 |

4. First-aid measures

First-aid measures

| | |
|---------------------|---|
| 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. |

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

Notes to physician Not available.

5. Fire-fighting measures

Means of fire extinguishing

| | |
|---------------------------------------|--|
| 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.

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

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.

Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up Not available.

Other issues relating to spills and releases Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container.

7. Handling and storage

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

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

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

Appearance

Physical state Liquid.

Form Liquid.

Color Cyan

Odor Characteristic.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling temperature range Not available.

Flash point > 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020

Evaporation rate Not available.

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 available.

Solubility(ies) 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

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

10. Stability and reactivity

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

Acute toxicity May be harmful if swallowed. May be harmful in contact with skin.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization May cause sensitization by skin contact.

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

Germ cell mutagenicity Based on available data, the classification criteria are not met.

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

IARC Monographs. Overall Evaluation of Carcinogenicity

D-Limonene (CAS 5989-27-5) 3 Not classifiable as to carcinogenicity to humans.

Toxic to reproduction May damage fertility. May damage the unborn child.

Specific target organ toxicity - single exposure May cause irritation to the respiratory system.

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.

Ecotoxicity No ecotoxicity data noted for the ingredient(s).

Persistence and degradability Not available.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

D-Limonene 4.232

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

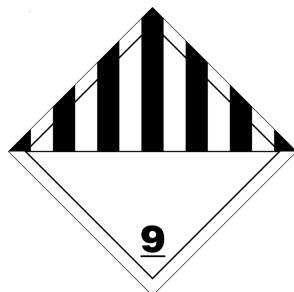
| | |
|----------------------------|--|
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| Local disposal regulations | Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor. |

14. Transport information

International regulations

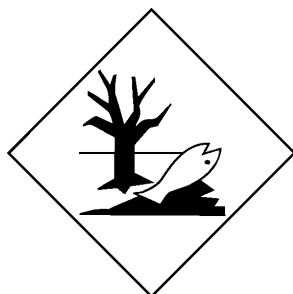
| | |
|--------------------------------------|--|
| DOT | Not regulated as dangerous goods. |
| DOT Supplemental Information | DOT Classification only applies to shipments within the US and Puerto Rico. |
| IATA | |
| UN number | UN3082 |
| UN proper shipping name | Environmentally Hazardous Substance, 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 | |
| Basic shipping requirements: | |
| Proper shipping name | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| Hazard class | 9 |
| UN number | 3082 |
| Packing group | III |
| Marine pollutant | Yes |
| ADR supplemental information | When shipping ≤ 5L containers, ADR 375 may apply. |

ADR; IATA; IMDG



ADR

Marine pollutant



15. Regulatory information

Federal regulations

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

Hazards identification: GHS Hazard Statements
Hazards identification: Prevention
Hazards identification: Response
Hazards identification: Storage
3. Composition / Information on Ingredients: Disclosure Overrides
9. Physical & Chemical Properties: Multiple Properties
Regulatory information: International regulations

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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 |