SAFETY DATA SHEET

1. Identification

Product identifier: CH830 Series

Other means of identification

Synonyms: HP Scitex TJ210 Cyan Ink

Recommended use: Inkjet printing

Recommended restrictions: None known.

Company identification: HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020

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

Physical hazards

Category 4 Flammable liquids

Health hazards

Category 2 Skin corrosion/irritation

Category 2A Serious eye damage/eye irritation

Category 1 Sensitization, skin

Category 1B Reproductive toxicity (fertility, the unborn child)

Category 1 (liver, respiratory system) Specific target organ toxicity, repeated exposure

Environmental hazards

Hazardous to the aquatic environment, long-term hazard

Category 2

OSHA defined hazards

Not classified.

Label elements

Signal word: Danger

Hazard statement: Combustible liquid. Causes skin irritation. 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

Prevention

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P261 - Obtain special instructions before use.
P201 - 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**
P370 + P378 - In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.
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.
P314 - Get medical attention/advice if you feel unwell.
P391 - Collect spillage.
P362 - Take off contaminated clothing and wash before reuse.

**Storage**
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.

**Disposal**
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazard(s) not otherwise classified (HNOC)**
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

#### Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difunctional acrylic monomer</td>
<td>Proprietary</td>
<td>&lt;25</td>
<td></td>
</tr>
<tr>
<td>Vinylcaprolactam</td>
<td>Proprietary</td>
<td>&lt;20</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester #1</td>
<td>Proprietary</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Acrylate ester #2</td>
<td>Proprietary</td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Acrylic acid ester</td>
<td>Proprietary</td>
<td>&lt;7.5</td>
<td></td>
</tr>
<tr>
<td>Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide</td>
<td>Proprietary</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Propiophenone derivative</td>
<td>Proprietary</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Acrylated oligoamine resin</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
<td></td>
</tr>
<tr>
<td>Pigment blue</td>
<td>Proprietary</td>
<td>&lt;2.5</td>
<td></td>
</tr>
<tr>
<td>Glycerol, propxylated, esters with acrylic acid</td>
<td>Proprietary</td>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>

### 4. 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. Never give anything by mouth to an unconscious person.

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

### 5. Fire-fighting measures

**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.

**Specific hazards arising from the chemical**
Not applicable.
Special protective equipment and precautions for firefighters

Fire-fighting equipment/instructions

Avoid runoff into storm sewers and ditches which lead to waterways.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**Methods and materials for containment and cleaning up**
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. 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

**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**
Not available.

**Individual protection measures, such as 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**

**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.

**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**
Cyan

**Odor**
Characteristic.

**Odor threshold**
Not available.

**pH**
Not available.

**Melting point/freezing point**
Not available.

**Initial boiling point and boiling range**
Not available.

**Flash point**
224.6 °F (107.0 °C) Closed Cup

**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)
Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.
Other information For other VOC regulatory data/information see Section 15.
VOC (Weight %) 3.93 g/L Method 24/ASTM D403-93

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
Symptoms related to the physical, chemical and toxicological characteristics Not available.
Information on toxicological effects
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 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.
Reproductive toxicity 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.
Further information Complete toxicity data are not available for this specific formulation

Components Species Test Results
Acrylate ester #2 (CAS Proprietary)
Acute
Dermal Rabbit 3540 mg/kg
LD50

Material name: CH830 Series
11536 Version #: 09 Revision date: 17-Jul-2016 Issue date: 29-Apr-2014
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.

Persistence and degradability  Not available.

Bioaccumulative potential  Not available.

Mobility in soil  Not available.

Other adverse effects  Not available.

13. Disposal considerations

Disposal instructions  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

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  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, Propiophenone derivative)
Transport hazard class(es)  Class 9
Subsidiary risk  -
Packing group  III
Environmental hazards  Marine pollutant  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
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, Propiophenone derivative)

**Hazard class**: 9

**UN number**: 3082

**Packing group**: III

**Marine pollutant**: Yes

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**DOT; IATA; IMDG**

![Hazard symbol for UN 3082]

**Marine pollutant**

![Marine pollutant symbol]

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**15. Regulatory information**

**US federal regulations**

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories**

- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - Yes
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.
SARA 311/312
Hazardous chemical
No

Other federal regulations
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. Massachusetts RTK - Substance List
Not regulated.
US. New Jersey Worker and Community Right-to-Know Act
Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.
US. Rhode Island RTK
Not regulated.
US. California Proposition 65
Not Listed.

Other information
VOC content (less water, less exempt compounds) = 3.93 g/L (U.S. requirement, not for emissions)
US EPA Method 24

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

16. Other information, including date of preparation or last revision
Issue date 29-Apr-2014
Revision date 17-Jul-2016
Version # 09

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.

Revision Information
Composition / Information on Ingredients
Exposure controls/personal protection: Hand protection
GHS: Qualifiers

Manufacturer information
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628
**Explanation of abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
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<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
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<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
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<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
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<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>COC</td>
<td>Cleveland Open Cup</td>
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<tr>
<td>DOT</td>
<td>Department of Transportation</td>
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<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act (aka SARA)</td>
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<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
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<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
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<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
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<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
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<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
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<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
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<tr>
<td>REC</td>
<td>Recommended</td>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
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<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
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<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
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<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
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<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
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<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
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<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
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