



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** CN859Series

**Other means of identification**

**Synonyms** HP FB210 Yellow Scitex Ink

**Recommended use of the chemical and restrictions on use**

**Recommended use** Inkjet printing

**Restrictions on use** Not available.

**Details of manufacturer or importer**

HP PPS Australia Pty Ltd  
353 Burwood Hwy L1  
Forest Hill, Victoria, Australia 3131

### 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

### Classification of the hazardous chemical

|                              |  |   |
|------------------------------|--|---|
| <b>Physical hazards</b>      | Not classified.  |   |
| <b>Health hazards</b>        | 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)  |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, long-term hazard | Category 2                              |

### Label elements, including precautionary statements

#### Hazard symbol(s)



Health hazard

Exclamation mark

Environment

#### Signal word

Danger

#### Hazard statement(s)

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)

|                   |   |
|-------------------|---|
| <b>Prevention</b> | 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.  |
| <b>Response</b>   | 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. |
| <b>Storage</b>    | Store locked up. Store in a well-ventilated place. Keep container tightly closed.   |
| <b>Disposal</b>   | 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

### Mixture

| Identity of chemical ingredients              | CAS number and other unique identifiers | Concentration of ingredients |
|---|---|------------------------------|
| 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                           |
| Azo-nickel complex                            | Proprietary                             | <2.5                         |
| Benzoic acid, 4-(dimethylamino)-, ethyl ester | 10287-53-3                              | <2.5                         |
| Dipropylene Glycol Diacrylate                 | Proprietary                             | <2.5                         |
| D-Limonene                                    | 5989-27-5                               | <1                           |

## 4. First-aid measures

### Description of necessary first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>Skin contact</b> | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.  |
| <b>Eye contact</b>  | 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. |
| <b>Ingestion</b>    | If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.  |

**Personal protection for first-aid responders** Not available.

**Symptoms caused by exposure** Not available.

**Medical attention and special treatment** Not available.

## 5. Fire-fighting measures

### Extinguishing media

|                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.                     |
| <b>Unsuitable extinguishing media</b> | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire. |

|   |   |
|---|---|
| <b>Specific hazards arising from the chemical</b>                     | Not available.  |
| <b>Special protective equipment and precautions for fire fighters</b> | Not available.  |
| <b>Fire fighting equipment/instructions</b>                           | Avoid runoff into storm sewers and ditches which lead to waterways. |
| <b>Hazchem code</b>   | None.   |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** 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 and personal protection

### Control parameters

#### Occupational exposure limits

##### United Kingdom Components

| Components         | Type | Value                 |
|--------------------|------|-----------------------|
| Azo-nickel complex | TWA  | 0.1 mg/m <sup>3</sup> |

##### Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

| Components                 | Type | Value                         |
|----------------------------|------|-------------------------------|
| D-Limonene (CAS 5989-27-5) | TWA  | 28 mg/m <sup>3</sup><br>5 ppm |

**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.

### Individual protection measures, for example personal protective equipment (PPE)

**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.

### 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.

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## 9. Physical and chemical properties

### Appearance

|                |         |
|----------------|---------|
| Physical state | Liquid. |
| Form           | Liquid. |
| Color          | Yellow  |

**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** > 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.

**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.

### Other physical and chemical parameters

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

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## 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.

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## 11. Toxicological information

### Information on possible routes of exposure

**Inhalation** May cause irritation to the respiratory system.

**Skin contact** Causes skin irritation. May cause sensitization by skin contact.

**Eye contact** Causes serious eye irritation.

**Ingestion** Ingestion is not a likely route of exposure.

**Symptoms related to exposure** Not available.

**Acute toxicity** Based on available data, the classification criteria are not met.

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|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>                              | Causes skin irritation.   |
| <b>Serious eye damage/irritation</b>                          | Causes serious eye irritation.  |
| <b>Respiratory or skin sensitization</b>                      |   |
| <b>Respiratory sensitization</b>                              | Based on available data, the classification criteria are not met.                           |
| <b>Skin sensitization</b>                                     | May cause sensitization by skin contact.  |
| <b>Germ cell mutagenicity</b>                                 | Based on available data, the classification criteria are not met.                           |
| <b>Carcinogenicity</b>  | Based on available data, the classification criteria are not met.                           |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b> |   |
| D-Limonene (CAS 5989-27-5)                                    | 3 Not classifiable as to carcinogenicity to humans.   |
| <b>Reproductive toxicity</b>                                  | May damage fertility. May damage the unborn child.  |
| <b>Specific target organ toxicity - single exposure</b>       | May cause irritation to the respiratory system.   |
| <b>Specific target organ toxicity - repeated exposure</b>     | Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. |
| <b>Aspiration hazard</b>                                      | Based on available data, the classification criteria are not met.                           |
| <b>Other information</b>                                      | Complete toxicity data are not available for this specific formulation                      |

## 12. Ecological information

|  |  |
|--|--|
| <b>Aquatic toxicity</b>                                  | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects. |
| <b>Ecotoxicity</b>                                       | No ecotoxicity data noted for the ingredient(s).   |
| <b>Persistence and degradability</b>                     | Not available.   |
| <b>Bioaccumulative potential</b>                         |  |
| <b>Partition coefficient n-octanol / water (log Kow)</b> |  |
| D-Limonene   | 4.232  |
| <b>Mobility in soil</b>                                  | Not available.   |
| <b>Other adverse effects</b>                             | Not available.   |

## 13. Disposal considerations

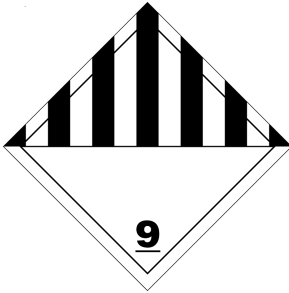
|                         |  |
|-------------------------|--|
| <b>Disposal methods</b> | Do not dispose of together with general office waste.<br>Do not allow this material to drain into sewers/water supplies.<br>Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.<br>Ensure collection and disposal with an appropriately licensed waste contractor. |
|-------------------------|--|

## 14. Transport information

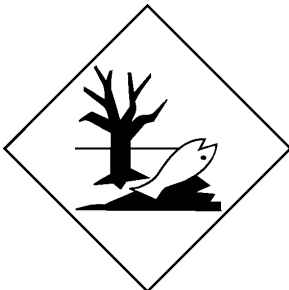
|                                      |   |
|--------------------------------------|---|
| <b>DOT</b>                           | Not regulated as dangerous goods.   |
| <b>DOT Supplemental Information</b>  | DOT Classification only applies to shipments within the US and Puerto Rico.                                 |
| <b>IATA</b>                          |   |
| <b>UN number</b>                     | UN3082  |
| <b>UN proper shipping name</b>       | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative)                   |
| <b>Transport hazard class(es)</b>    |   |
| <b>Class</b>                         | 9   |
| <b>Subsidiary risk</b>               | -   |
| <b>Packing group</b>                 | III   |
| <b>Environmental hazards</b>         | Yes   |
| <b>Special precautions for user</b>  | Not available.  |
| <b>IATA Supplemental Information</b> | When shipping ≤ 5L inner packaging, Special Provision A197 may apply.                                       |
| <b>IMDG</b>                          |   |
| <b>UN number</b>                     | UN3082  |
| <b>UN proper shipping name</b>       | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative), MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>    |   |
| <b>Class</b>                         | 9   |
| <b>Subsidiary risk</b>               | -   |

|                                      |   |
|--------------------------------------|---|
| <b>Packing group</b>                 | III   |
| <b>Transport hazard class(es)</b>    |   |
| <b>Marine pollutant</b>              | Yes   |
| <b>EmS</b>                           | F-A, S-F  |
| <b>Special precautions for user</b>  | Not available.  |
| <b>IMDG Supplemental Information</b> | When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.                                   |
| <b>ADR</b>                           |   |
| <b>UN number</b>                     | UN3082  |
| <b>UN proper shipping name</b>       | Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates, Propiophenone derivative) |
| <b>Transport hazard class(es)</b>    |   |
| <b>Class</b>                         | 9   |
| <b>Subsidiary risk</b>               | -   |
| <b>Hazard No. (ADR)</b>              | Not available.  |
| <b>Tunnel restriction code</b>       | Not available.  |
| <b>Packing group</b>                 | III   |
| <b>Environmental hazards</b>         | Yes   |
| <b>Special precautions for user</b>  | Not available.  |
| <b>ADR Supplemental Information</b>  | When shipping ≤ 5L containers, ADR 375 may apply.   |

**ADR; IATA; IMDG**



**Marine pollutant**



## 15. Regulatory information

**Safety, health and environmental regulations**

**National regulations**

**High Volume Industrial Chemicals (HVIC)**

Not listed.

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

### Restricted Carcinogenic Substances

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.

### Stockholm Convention

Not applicable.

### Rotterdam Convention

Not applicable.

### Kyoto protocol

Not applicable.

### Montreal Protocol

Not applicable.

### Basel Convention

Not applicable.

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## 16. Other information

### Issue date

14-Feb-2018

### Other information

This SDS was prepared in compliance with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets", 2003.

### 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

Product and Company Identification: Alternate Trade Names  
Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
14. Transport Information: Material Transportation Information  
15. Regulatory Information: United States  
HazReg Data: Europe - EU  
GHS: Qualifiers

### Explanation of abbreviations

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