



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Trade name or designation of the mixture** CN859Series  
**Synonyms** HP FB210 Yellow Scitex Ink  
**Version #** 05  
**Issue date** 30-May-2014  
**Revision date** 05-Aug-2015

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Inkjet printing

**Uses advised against** None known.

**Company identification** HP Computer and Printing Technologies Limited Liability Company  
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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 as amended

#### Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction.
Reproductive toxicity	Category 1B	H360FD - May damage fertility. May damage the unborn child.
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation	H335 - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure	Category 1	H372 - Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.

#### Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard	Category 2	H411 - Toxic to aquatic life with long lasting effects.
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### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

**Contains:** Acrylate ester, Aliphatic diacrylate, Amine modified polyetheracrylate, Azo-nickel complex, Benzoic acid, 4-(dimethylamino)-, ethyl ester, Dipropylene Glycol Diacrylate, Propiophenone derivative, Substituted phosphine oxide, Vinyl caprolactam (VCAP)

#### Hazard pictograms



#### Signal word

Danger

## Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H360FD	May damage fertility. May damage the unborn child.
H335	May cause respiratory irritation.
H372	Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure
H411	Toxic to aquatic life with long lasting effects.

## Precautionary statements

### Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P271 - Use only outdoors or in a well-ventilated area.  
 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.  
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P312 - Call a POISON CENTER/doctor/physician if you feel unwell.  
 P391 - Collect spillage.  
 P362 - Take off contaminated clothing and wash before reuse.

### Storage

P405 - Store locked up.  
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## Supplemental label information

None.

## 2.3. Other hazards

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Components	CAS #	Percent	EC-No.
Acrylate ester	5888-33-5	<30	227-561-6
Vinyl caprolactam (VCAP)	2235-00-9	<30	218-787-6
Amine modified polyetheracrylate	Proprietary	<25	
Aliphatic diacrylate	Proprietary	<7.5	
Propiophenone derivative	Proprietary	<5	400-600-6
Substituted phosphine oxide	Proprietary	<5	423-340-5
Azo-nickel complex	Proprietary	<2.5	270-944-8
Benzoic acid, 4-(dimethylamino)-, ethyl ester	10287-53-3	<2.5	233-634-3
Dipropylene Glycol Diacrylate	57472-68-1	<2.5	260-754-3

## 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.

<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.

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## 5. FIRE-FIGHTING MEASURES

<b>Flash point</b>	> 212.0 °F (> 100.0 °C) Closed Cup
<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO <sub>2</sub> ). Water may be ineffective.
<b>Extinguishing media which must not be used for safety reasons</b>	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
<b>Unusual fire &amp; explosion hazards</b>	None known.
<b>Fire fighting equipment/instructions</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing.
<b>Storage</b>	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.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Recommended monitoring procedures</b>	
<b>Additional exposure data</b>	Exposure limits have not been established for this product.
<b>Engineering measures to reduce exposure</b>	Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
<b>Skin and body protection</b>	Wear appropriate chemical resistant clothing.
<b>Hygiene measures</b>	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

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Color</b>	Yellow
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	> 212.0 °F (> 100.0 °C) Closed Cup
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.

<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Melting point/Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	< 95 g/L

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## 10. STABILITY AND REACTIVITY

<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Stability</b>	Stable under normal storage conditions.
<b>Materials to avoid</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>Hazardous polymerization</b>	Hazardous polymerization can occur with decreased inhibitor content.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Skin sensitizer</b>	May cause sensitization by skin contact.
<b>Respiratory sensitizer</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>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Toxic to reproduction</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>Further information</b>	Complete toxicity data are not available for this specific formulation

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## 12. ECOLOGICAL INFORMATION

<b>Environmental effects</b>	Not available.
<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.

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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	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.
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## 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.

## IMDG

<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>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-F
<b>Special precautions for user</b>	Not available.

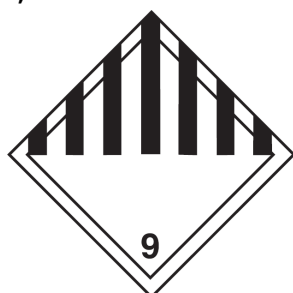
**IMDG supplemental information** When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.

## ADR

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

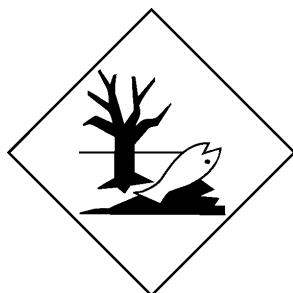
**ADR supplemental information** When shipping ≤ 5L containers, ADR 375 may apply.

## IATA; IMDG



**ADR**

## Marine pollutant



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## 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/NDSL), 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.

### Prepared by

HP

### This data sheet contains changes from the previous version in section(s):

EXPOSURE CONTROLS/PERSONAL PROTECTION: Hygiene measures  
EXPOSURE CONTROLS/PERSONAL PROTECTION: Eye protection  
EXPOSURE CONTROLS/PERSONAL PROTECTION: General  
EXPOSURE CONTROLS/PERSONAL PROTECTION: Hand protection  
EXPOSURE CONTROLS/PERSONAL PROTECTION: Respiratory protection  
EXPOSURE CONTROLS/PERSONAL PROTECTION: Skin and body protection  
OTHER INFORMATION: Disclaimer

### Manufacturer information

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### 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