1. Identification

Product identifier: CH218Series

Other means of identification
Synonyms: HP Scitex FB250 Yellow Ink

Recommended use: Inkjet printing

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information
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: Not classified.

Health hazards
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Sensitization, skin: Category 1
- Reproductive toxicity (the unborn child): Category 2
- 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

OSHA defined hazards: Not classified.

Label elements

Signal word: Danger

Hazard statement: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging 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

Prevention
Wear protective gloves/protective clothing/eye protection/face protection. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. 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. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash before reuse. Collect spillage.

Storage
Store in a well-ventilated place. Keep container tightly closed. 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. Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).

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>2-phenoxyethyl acrylate</td>
<td></td>
<td>48145-04-6</td>
<td>&lt;30</td>
</tr>
<tr>
<td>N-vinylcaprolactam</td>
<td></td>
<td>2235-00-9</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Carboxylic Acids, Esters*</td>
<td>Proprietary*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difunctional acrylic monomer*</td>
<td>Proprietary*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acrylate ester 5*</td>
<td>Proprietary*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzophenone</td>
<td>119-61-9</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Substituted Phosphine Oxide*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Alkyl Acrylate Ester*</td>
<td>Proprietary*</td>
<td>&lt;2.95</td>
<td></td>
</tr>
<tr>
<td>Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes</td>
<td>68511-62-6</td>
<td>&lt;2.5</td>
<td></td>
</tr>
<tr>
<td>2,6-di-tert-butyl-alpha-dimethylaminop-cresol</td>
<td>88-27-7</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Triphenylphosphine</td>
<td>603-35-0</td>
<td></td>
<td>1</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 None known.
Special protective equipment and precautions for firefighters
Not available.

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
This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

<table>
<thead>
<tr>
<th>U.S. - OSHA Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetione Complexes (CAS 68511-62-6)</td>
<td>PEL</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1 mg/m3</td>
<td>29 CFR 1910.1000 (Subpart Z)</td>
</tr>
</tbody>
</table>

US. Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzophenone (CAS 119-61-9)</td>
<td>TWA</td>
<td>0.5 mg/m3</td>
</tr>
</tbody>
</table>

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.
Form            Liquid.
Color           Yellow
Odor            Characteristic.
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

Information on likely routes of exposure

Inhalation
Inhalation may result in mild 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 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.

IARC Monographs. Overall Evaluation of Carcinogenicity
Benzophenone (CAS 119-61-9)  2B Possibly carcinogenic to humans.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione  1 Carcinogenic to humans.
Complexes (CAS 68511-62-6)

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity  Suspected of damaging 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.

Further 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  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  Not available.
UN proper shipping name  Not Regulated
Transport hazard class(es)  -
Class  Not available.
Subsidiary risk  -
Packing group  Not available.
Environmental hazards  No
Marine pollutant  Not available.
Special precautions for user  Not available.
DOT Supplemental Information
IATA
UN number  UN3082
UN proper shipping name  Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)
Transport hazard class(es)  -
Class  9
Subsidiary risk  -
Packing group  III
Environmental hazards  Yes
Special precautions for user  Not available.
<table>
<thead>
<tr>
<th>IATA Supplemental Information</th>
<th>When shipping ≤ 5L inner packaging, Special Provision A197 may apply.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG</td>
<td></td>
</tr>
<tr>
<td>UN number</td>
<td>UN3082</td>
</tr>
<tr>
<td>UN proper shipping name</td>
<td>Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates), MARINE POLLUTANT</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>9</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>Yes</td>
</tr>
<tr>
<td>EmS</td>
<td>F-A, S-F</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not available.</td>
</tr>
<tr>
<td>IMDG Supplemental Information</td>
<td>When shipping ≤ 5L containers, IMDG 2.10.2.7 may apply.</td>
</tr>
<tr>
<td>ADR</td>
<td></td>
</tr>
<tr>
<td>UN number</td>
<td>UN3082</td>
</tr>
<tr>
<td>UN proper shipping name</td>
<td>Environmentally Hazardous Substance, Liquid, N.O.S. (Acrylates)</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>9</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>Hazard No. (ADR)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Tunnel restriction code</td>
<td>Not available.</td>
</tr>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>Yes</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not available.</td>
</tr>
<tr>
<td>ADR Supplemental Information</td>
<td>When shipping ≤ 5L containers, ADR 375 may apply.</td>
</tr>
<tr>
<td>ADR; IATA; IMDG</td>
<td></td>
</tr>
<tr>
<td>Marine pollutant</td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.</td>
</tr>
</tbody>
</table>

**15. Regulatory information**

**US federal regulations**

This product is listed on the U.S. EPA TSCA Inventory.  
US TSCA 12(b): Contains 2,4-diethyl-9h-thioxanthen-9-one; Benzophenone, subject to export notification requirements.  
US TSCA 4(a): Contains Benzophenone, subject of a test rule at 40 CFR Section 799.5115.  
TSCA Section 5(a)(2) Significant New Use Rules: This product contains 2,4-diethyl-9h-thioxanthen-9-one which is subject to a Significant New Use Rule at 40 CFR Section 721.9664.  
TSCA 8(a) PAIR: heptane; 4-Methoxyphenol  
SARA 302/304/311/312 hazardous chemicals: Benzophenone; tridecyl acrylate
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Benzophenone (CAS 119-61-9) 0.1 % One-Time Export Notification only.
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 regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
  Immediate Hazard - Yes
  Delayed Hazard - Yes
  Fire Hazard - No
  Pressure Hazard - No
  Reactivity Hazard - No
SARA 302 Extremely hazardous substance
Not listed.
SARA 311/312 Hazardous chemical
No
Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  2-phenoxyethyl acrylate (CAS 48145-04-6)
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.
Safe Drinking Water Act (SDWA)
Not regulated.
US state regulations
California Proposition 65 - WARNING: This product can expose you to chemicals including benzophenone and Nickel, 5,5’-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione Complexes, which are known to the State of California to cause cancer and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
Other information
  VOC content (less water, less exempt compounds) = 1.064 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)
Regulatory information
  The components of this product are reported in the following inventories: USA, European Union, Canada, Japan, China, Australia, Korea.

16. Other information, including date of preparation or last revision

Issue date
  29-Apr-2014
Revision date
  21-Dec-2018
Version #
  11
Other information
  This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
Disclaimer
  This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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

Material name: CH218Series
10965  Version #: 11  Revision date: 21-Dec-2018  Issue date: 29-Apr-2014