



SAFETY DATA SHEET

Issue date: 03-Sep-2013
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Version #: 08

1. Chemical and company identification

Name of chemical (Product name) CH872Series

Synonym(s) HP FB210 Specialty Flexible Yellow Scitex Ink
HP Japan Inc.
5F Ojima2-2-1 Koto-ku
Tokyo, Japan 136-8711

Poison Information Centre Telephone 0120-50-3024
(+81) 3 5628-1101

HP Inc. health effects line (Toll-free within the 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

Recommended use of the chemical and restrictions on use

Intended use Inkjet printing

2. Hazards identification

GHS classification

Physical hazards The product is not classified according to GHS.

Health hazards Serious eye damage/eye irritation Category 2A
Sensitization, skin Category 1
Reproductive toxicity (fertility, the unborn child) Category 1B
Specific target organ toxicity, repeated exposure Category 1 (liver, respiratory system)

Environmental hazards Hazardous to the aquatic environment, long-term hazard Category 2

GHS label elements

Symbols



Signal words

Danger

Hazard statement

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

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. 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. Get medical attention/advice if you feel unwell. Collect spillage. Wash contaminated clothing before reuse.

Storage

Store locked up.

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.
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

Substance or mixture Mixture

| Components | CAS Number | Gazette notification | | Concentration (%) |
|---|-------------|----------------------|-------------|-------------------|
| | | ENCS no. | ISHL no. | |
| Acrylic acid ester | Proprietary | Proprietary | Proprietary | <50 |
| Vinylcaprolactam | Proprietary | Proprietary | Proprietary | <25 |
| Polyether acrylate | Proprietary | Proprietary | Proprietary | <15 |
| Difunctional acrylic monomer | Proprietary | Proprietary | Proprietary | <7.5 |
| Acrylate ester 5 | Proprietary | Proprietary | Proprietary | <5 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine | Proprietary | Proprietary | Proprietary | <5 |
| Azo-nickel complex | Proprietary | Proprietary | Proprietary | <2.5 |
| Propiophenone derivative | Proprietary | Proprietary | Proprietary | <2.5 |

Synonym(s) HP FB210 Specialty Flexible Yellow Scitex Ink

4. First aid measures

If inhaled Move to fresh air. If symptoms persist, get medical attention.
If on skin Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
If in eyes 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.
If swallowed If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

Extinguishing media Dry powder. Carbon dioxide (CO2). Water may be ineffective.
Extinguishing media to avoid Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
Special fire fighting procedures Avoid runoff into storm sewers and ditches which lead to waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency measures Wear appropriate personal protective equipment. Do not touch or walk through spilled material.
Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
Methods or materials for containment and cleaning up Not available.

7. Handling and storage

Handling
Technical measures (e.g. Local and general ventilation) Not available.
Safe handling advice Avoid contact with skin, eyes and clothing.
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.
Storage
Safe storage conditions 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.
Safe packaging materials Not available.

8. Exposure controls/personal protection

| | |
|--------------------------------------|--|
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Exposure guidelines | Exposure limits have not been established for this product. |
| Engineering measures | Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits. |
| Personal protective equipment | |
| Respiratory protection | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. |
| Hand protection | Wear appropriate chemical resistant gloves. Recommended gloves: Nitrile 6 mil minimum thickness. |
| Eye protection | Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended. |
| Skin and body protection | Wear appropriate chemical resistant clothing. |

9. Physical and chemical properties

| | |
|--|--|
| Appearance | |
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Yellow |
| Odor | Characteristic. |
| pH | Not applicable. |
| Melting point/Freezing point | Not determined. |
| Boiling point, initial boiling point, and boiling range | Not determined. |
| Flash point | > 212.0 °F (> 100.0 °C) Closed Cup EPA Method 1020 |
| 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 determined. |
| Evaporation rate | Not determined. |
| Specific gravity | 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 (Coefficient of viscosity) | Not available. |
| Other information | |
| 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 | Based on available data, the classification criteria are not met. |
|-----------------------|---|

| | |
|---|---|
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |
| 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. |
| Other information | Complete toxicity data are not available for this specific formulation |

12. Ecological information

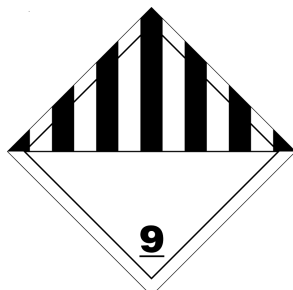
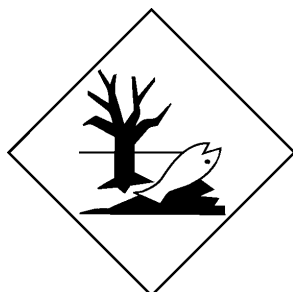
| | |
|--------------------------------------|--|
| Aquatic toxicity | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects. |
| Ecotoxicity | Not available. |
| Persistence and degradability | Not available. |
| Bioaccumulation | Not available. |
| Mobility in soil | Not available. |
| Hazardous to the ozone layer | Not available. |

13. Disposal considerations

| | |
|-----------------------------------|--|
| 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

| | |
|--------------------------------------|---|
| 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; IATA; IMDG****Marine pollutant**

15. Regulatory information**Industrial Safety and Health Act****Notifiable substances**

Not regulated.

Labeling substances

Not regulated.

Poisonous and Deleterious Substances Control Act**Specified poisonous substances**

Not regulated.

Poisonous substances

Not regulated.

Deleterious substances

Not regulated.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.**Class I specified chemical substances**

Not regulated.

Class II specified chemical substances

Not regulated.

Monitoring chemical substances

Not regulated.

Priority Assessment Chemical Substances (PACs)

Not regulated.

Reporting Exempted Substances

Not regulated.

Law concerning Pollutant Release and Transfer Register**Specified class 1 substances (substance name, ordinance number and content)**

Not regulated.

Class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 2 substances (substance name, ordinance number and content)

Not regulated.

Fire Service Act

Class 4 Group 3 oils (Non-water soluble) Hazard rank III

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Miscellaneous dangerous substances

Air Law, Enforcement Rule

Miscellaneous dangerous goods

Explosives Control Act

Not regulated.

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, South Korea, New Zealand, and China.

16. Other information

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

Hazards identification: Hazard statement
Hazards identification: Disposal
Hazards identification: Prevention
Hazards identification: Response
Hazards identification: Other hazards which do not result in classification
Composition / Information on Ingredients: Ingredients
Exposure controls/personal protection: Engineering measures
Exposure controls/personal protection: Exposure guidelines
Exposure controls/personal protection: Hand protection
Exposure controls/personal protection: Skin and body protection
Physical & Chemical Properties: Multiple Properties
Regulatory information: Regulatory information
GHS: Classification

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 |