# SAFETY DATA SHEET

## SECTION 1. Identification of the hazardous chemical substance or mixture and of the supplier or manufacturer

**Important information** *** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***

**Name of the hazardous chemical substance or mixture** CP805Series

**Other means of identification**

**Common name(s), synonym(s)** HP FB225 WHITE SCITEX INK

**Recommended use of the hazardous chemical substance or mixture, and restrictions of use**

**Recommended use** Inkjet printing

**Recommended restrictions** None known.

**Suppliers details**

**Company identification** HP Inc.
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**(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
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**Email:** hpcustomer.inquiries@hp.com

## SECTION 2. Hazard identification

**Classification of the substance or mixture**

| | | |
|---|---|---|
| **Physical hazards** | Not classified. | |
| **Health hazards** | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 1 |
| | 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 |
| **Environmental hazards** | Hazardous to the aquatic environment, long-term hazard | Category 3 |

**Elements of labeling, including precautionary statements and warning pictograms**

**Signal word** Danger

**Hazard statement**

| | |
|---|---|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| 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. |
| H412 | Harmful to aquatic life with long lasting effects. |

**Precautionary statement**

**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. |
| P270 | Do not eat, drink or smoke when using this product. |
| P264 | Wash hands thoroughly after handling. |

**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. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P308 + P313 | IF exposed or concerned: Get medical attention/advice. |
| P312 | Call a POISON CENTER/doctor/physician if you feel unwell. |
| 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. |

**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.

## SECTION 3. Composition/information on ingredients

**Mixtures**

| Chemical identity | Common name(s), synonym(s) | CAS number and other unique identifiers | Concentration |
|---|---|---|---|
| Aliphatic urethane acrylate | | Proprietary | <40 |
| Vinylcaprolactam | | Proprietary | <30 |
| Acrylate ester 2 | | Proprietary | <15 |
| 2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triyl)tri-2,1-ethane diyl ester | | 40220-08-4 | <10 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | Proprietary | <5 |
| Glycerol, propoxylated, esters with acrylic acid | | Proprietary | <1 |
| Propionic Acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, Diallyl Ester | | 55818-57-0 | <1 |

## SECTION 4. First-aid measures

**Description of necessary 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. |

## SECTION 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 actions for firefighters** | Not available. |
| **Fire fighting equipment/instructions** | Avoid runoff into storm sewers and ditches which lead to waterways. |

## SECTION 6. Measures that must be taken in the event of accidental spillage or an accidental leak

**Personal precautionary measures, protective equipment and emergency procedure**

| | |
|---|---|
| **For non-emergency personnel** | Wear appropriate personal protective equipment. Do not touch or walk through spilled material. |
| **For emergency responders** | 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. |
| **Methods and materials for containing and cleaning up spills or releases** | Not available. |
| **Other issues relating to spills and releases** | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations. |

## SECTION 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. |

## SECTION 8. Exposure controls/personal protection

**Control parameters**

| | |
|---|---|
| **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. |
| **Control banding approach** | Not available. |
| **Appropriate engineering controls** | Not available. |

**Individual protection measures, such as 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. |
| **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. |

## SECTION 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | |
| **Physical state** | Not available. |
| **Form** | Liquid. |
| **Color** | White. |
| **Odor** | Characteristic. |
| **Odor threshold** | Not available. |
| **pH** | 6.8 - 7.2 Metler Toledo pH Meter. Temperature 25°C |
| **Melting point/freezing point** | Not available. |
| **Initial boiling point and boiling range** | Not available. |
| **Flash point** | 224.6 °F (107.0 °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** | 13 - 14 cP Brookfield Viscometer (± 0.5) Temperature 40°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading. |
| **Molecular weight** | Not available. |
| **Other information** | |
| **VOC** | 20 g/L Method 24/ASTM D5403-93 |

## SECTION 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 that must be avoided** | 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. |

## SECTION 11. Toxicological information

**Information about likely routes of entry**

| | |
|---|---|
| **Inhalation** | May cause irritation to the respiratory system. |
| **Skin contact** | Causes skin irritation. May cause sensitization by skin contact. |
| **Eye contact** | Causes serious eye damage. |
| **Ingestion** | Ingestion is not a likely route of exposure. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Not available. |

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Numerical measures of toxicity (such as acute toxicity estimates)**

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

| Components | Species | Test Results |
|---|---|---|
| Vinylcaprolactam | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | 1700 mg/kg |
| **Inhalation** | | |
| LC50 | Rat | > 1.6 mg/l |
| **Oral** | | |
| LD50 | Rat | 1114 mg/kg |

| | |
|---|---|
| **Skin corrosion/irritation** | Non-corrosive (OECD 431)<br>Causes skin irritation. |
| **Serious eye damage/eye irritation** | Causes serious eye damage. |
| **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** | 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. |
| **Other information** | Complete toxicity data are not available for this specific formulation |

## SECTION 12. Ecotoxicological information

**Toxicity**

| Components | | Species | Test Results |
|---|---|---|---|
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | | |
| *Acute* | | | |
| | EC10 | Pseudokirchneriella subcapitata | 1.56 mg/l, 72 h (OECD 201) |
| | EC50 | Pseudokirchneriella subcapitata | > 2.01 mg/l, 72 h (OECD 201) |
| | LC50 | Cyprinus carpio | 1.4 mg/l, 96 h (OECD 203) |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Daphnia magna | 3.53 mg/l, 48 h (OECD 202) |

| Components | | Species | Test Results |
|---|---|---|---|
| Propionic Acid, 2-methyl-3,3'-(phenylphosphinylidene)di-, Diallyl Ester (CAS 55818-57-0) | | | |
| *Acute* | | | |
| | EC50 | Pseudokirchneriella subcapitata | 105 mg/l, 72 h (OECD 201) |
| | LC50 | Cyprinus carpio | > 0.082 mg/l, 96 h (OECD 203) |
| | NOEC | Pseudokirchneriella subcapitata | 29 mg/l, 72 h (OECD 201) |
| **Aquatic** | | | |
| *Acute* | | | |
| Crustacea | EC50 | Daphnia magna | > 16 mg/l, 48 h (OECD 202) |
| | NOEC | Daphnia magna | > 16 mg/l, 48 h (OECD 202) |
| *Chronic* | | | |
| Crustacea | EC10 | Daphnia magna | > 0.51 mg/l, 21 d (OECD 211) |
| | NOEC | Daphnia magna | > 0.51 mg/l, 21 d (OECD 211) |
| Fish | EC10 | Pimephales promelas | 0.43 mg/l, 33 d (OECD 210) |
| | NOEC | Pimephales promelas | 0.25 mg/l, 33 d (OECD 210) |

**Persistence and degradability** Not available.

**Bioaccumulative potential** Not available.

**Bioconcentration factor (BCF)**

| | |
|---|---|
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | 72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatsu No . 615, 49-Kikyoku No . 392, MITI/MHW Chemical Substance Control Law, Japan) |

**Mobility in soil** Not available.

**Other adverse effects** Not available.

**Aquatic toxicity** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.

## SECTION 13. Disposal considerations

**Disposal methods**

**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.

**Local disposal regulations** Not available.

**Waste from residues / unused products** Not available.

**Contaminated packaging** Not available.

## SECTION 14. Transport information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**ADR**

Not regulated as dangerous goods.

## SECTION 15. Regulatory information

**Safety, health and environmental regulations specific for the hazard chemical substance or mixture in question**

**Mexico. Substances subject to reporting for the pollutant release and transfer registry (PRTR)**

Not listed.

**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, Japan, Philippines, South Korea, New Zealand, and China.

**Montreal Protocol**

Not applicable.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Basel Convention**

Not applicable.

## SECTION 16. Other included information relevant to the preparation and updating of safety data sheets

**Issue date** 03-Jun-2014

**Revision date** 22-Apr-2021

**Version #** 15

**Disclaimer**

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**Revision information** 3. Composition / Information on Ingredients: Disclosure Overrides

**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 |