



SAFETY DATA SHEET

1. Identification

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|--|---|--|
| 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 substance or mixture (trade name) | CP759Series | |
| Synonyms | HP FB225 BLACK SCITEX INK | |
| Major recommended uses for the substance or mixture | Inkjet printing | |
| Specific restrictions for use of the substance or mixture | Not available. | |
| Manufacturer/Importer/Distributor information | | |
| Company identification | HP Colombia SAS Carrera 7 No 99-53 Torre B Pisos 7 Bogota, Colombia | |
| Telephone | (57) 1 639 0000 | |
| 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. Hazards identification

Classification of the substance or mixture

| | | |
|------------------------------|--|-------------|
| Physical hazards | Not classified. | |
| Health hazards | Skin corrosion/irritation | Category 2 |
| | Sensitization, skin | Category 1 |
| | Reproductive toxicity | Category 1B |
| | Specific target organ toxicity, repeated exposure | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 1 |
| | Hazardous to the aquatic environment, long-term hazard | Category 1 |

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

Causes skin 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. Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

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 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. Take off contaminated clothing and wash 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 | Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. |
| Supplemental information | None. |

3. Composition/information on ingredients

Mixture

| Common chemical name or technical name | CAS number | Concentration or concentration range |
|---|-------------|--------------------------------------|
| Acrylate ester 1 | Proprietary | <30 |
| Acrylate ester 2 | Proprietary | <20 |
| Acrylate ester 3 | Proprietary | <20 |
| Acrylate ester 4 | Proprietary | <10 |
| Vinylcaprolactam | Proprietary | <10 |
| Difunctional acrylic monomer | Proprietary | <5 |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | Proprietary | <5 |
| Acrylated oligoamine resin | Proprietary | <2.5 |
| Black pigment | Proprietary | <2.5 |
| Thioxanthone derivative | Proprietary | <2.5 |
| Glycerol, propoxylated, esters with acrylic acid | Proprietary | <1 |
| Propiophenone derivative | Proprietary | <1 |

Composition comments Carbon black is present only in a bound form in this preparation.

4. First-aid measures

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.

Notes to physician Not available.

5. Fire-fighting measures

Means of fire extinguishing

| | |
|---------------------------------------|--|
| 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 available.

Special fire fighting procedures Avoid runoff into storm sewers and ditches which lead to waterways.

Protective measures taken by firefighting crews Not available.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

To be taken by those who are involved in rendering emergency services 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 containment and cleaning up 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.

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

Control parameters

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|---------------|------|---------|---------------------|
| Black pigment | TWA | 3 mg/m3 | Inhalable fraction. |

Colombia. OELs. Resolution No. 02400: Norms Concerning Working Conditions, Health and Safety in the Workplace

| Components | Type | Value | Form |
|---------------|------|---------|---------------------|
| Black pigment | TWA | 3 mg/m3 | Inhalable fraction. |

Ecuador. OELs (INEN 2266:2013, 2013-01 2nd rev.: Transport, storage and handling of hazardous materials. Requirements. 1st ed., 1/29, 2013)

| Components | Type | Value | Form |
|---------------|------|---------|---------------------|
| Black pigment | TWA | 3 mg/m3 | Inhalable fraction. |

Paraguay. Decree No. 14.390/92 that approves the General Technical Regulation of Safety, Hygiene and Medicine in the Workplace

| Components | Type | Value | Form |
|---------------|------|---------|---------------------|
| Black pigment | TWA | 3 mg/m3 | Inhalable fraction. |

Peru. OELs. Decreto Supremo 015-2005-SA (Reglamento sobre Valores Límites Permisibles para Agentes Químicos en el Ambiente de Trabajo)

| Components | Type | Value |
|---------------|------|-----------|
| Black pigment | TWA | 3.5 mg/m3 |

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.

Personal protective measures

Eyes and 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. |

9. Physical and chemical properties

Appearance

| | |
|--|--|
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Black. |
| 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 temperature range | Not available. |
| Flash point | > 213.8 °F (> 101.0 °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. |
| Other physical and chemical parameters | |
| VOC | 4.52 g/L Method 24/ASTM D5403-93 |

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

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 | Contact with eyes may result in mild irritation. |

| | | |
|---|---|--|
| Ingestion | Ingestion is not a likely route of exposure. | |
| Symptoms | Not available. | |
| Acute toxicity | Based on available data, the classification criteria are not met. | |
| Components | Species | Test Results |
| Black pigment | | |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | > 10000 mg/kg |
| Vinylcaprolactam | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | 1700 mg/kg |
| Inhalation | | |
| LC50 | Rat | > 1.6 mg/l |
| Oral | | |
| LD50 | Rat | 1114 mg/kg |
| Skin irritation and corrosion | Causes skin irritation. Non-corrosive (OECD 431). | |
| Serious eye damage/eye irritation | Based on available data, the classification criteria are not met. Not classified as an irritant according to, OECD 437. | |
| 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. | |
| | Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation. | |
| | Colombia. OELs. Resolution No. 02400: Norms Concerning Working Conditions, Health and Safety in the Workplace | |
| | Black pigment (CAS Proprietary) | A3 Animal carcinogen. |
| | Ecuador. OELs (INEN 2266:2013, 2013-01 2nd rev.: Transport, storage and handling of hazardous materials. Requirements. 1st ed., 1/29, 2013) | |
| | Black pigment (CAS Proprietary) | Group A3 Confirmed animal carcinogen with unknown relevance to humans. |
| | Paraguay. Decree No. 14.390/92 that approves the General Technical Regulation of Safety, Hygiene and Medicine in the Workplace | |
| | Black pigment (CAS Proprietary) | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| Toxic to reproduction | 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 | Very toxic to aquatic life with long lasting effects. | |
| Ecotoxicity | | |
| Components | Species | Test Results |
| Difunctional acrylic monomer | | |
| <u>Acute</u> | | |
| EC10 | Pseudokirchneriella subcapitata | 2.3 mg/l, 72 h (OECD 201) |

| Components | Species | Test Results |
|--|--|------------------------------|
| | EC50 Pseudokirchneriella subcapitata | 11 mg/l, 72 h (OECD 201) |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 Daphnia Magna | 37 mg/l, 48 h (OECD 202) |
| Fish | LC50 Danio rerio | 2.7 mg/l, 96 h (OECD 203) |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | | |
| <i>Acute</i> | | |
| | 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 | | |
| <i>Acute</i> | | |
| Crustacea | EC50 Daphnia magna | 3.53 mg/l, 48 h (OECD 202) |
| Persistence and degradability | Not available. | |
| Bioaccumulative potential | | |
| Partition coefficient n-octanol / water (log Kow) | Not available. | |
| Bioconcentration factor (BCF) | | |
| Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide | 72, (JIS K 0102-1986, 71 - Kanpogyo No .S, Yakuhatu No . 615, 49-Kikyoku No . 392, MITI/MHW Chemical Substance Control Law, Japan) | |
| Mobility in soil | Not available. | |
| Other adverse effects | Not available. | |

13. Considerations on final disposal

Recommended methods for final destination

| | |
|-----------------------------------|--|
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| 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 \leq 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.

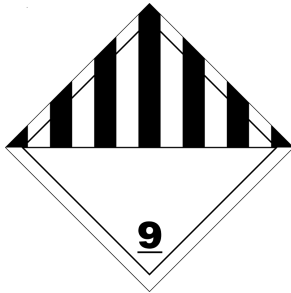
Packing group III

Environmental hazards Yes

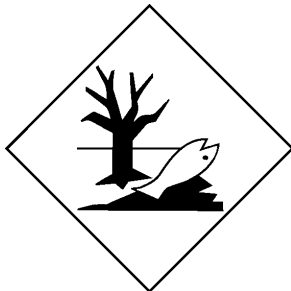
Special precautions for user Not available.

ADR Supplemental Information When shipping \leq 5L containers, ADR 375 may apply.

ADR; IATA; IMDG



Marine pollutant



15. Regulatory information

Federal regulations

Colombia. Controlled Substances (Resolution No. 009 of 1987 nationally regulating the transport & use of substances in subparag. f) of article 20 of Law 30 of 1986, as amended)

Not listed.

Venezuela. Chemical Precursors (Official Gazette No. 34.741, List I & II)

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, 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.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Revision information 1. Product and Company Identification: EU Poison Center
3. Composition / Information on Ingredients: Disclosure Overrides
HazReg Data: Europe - EU
GHS: Classification

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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 |