



# SAFETY DATA SHEET

## 1. Identification of the product

**GHS product identifier** HP LaserJet CF256A-X Print Cartridge  
**Other means of identification** None.

### Recommended use of the chemical and restrictions on use

**Recommended use** This product is a toner preparation that is used in LaserJet MFP M436n/ LaserJet MFP M436nda series printers.  
**Recommended restrictions** None known.

### Supplier's details

HP Inc Argentina S.R.L.  
Montaneses 2150, Piso 2  
Buenos Aires, Argentina 1428

### HP Inc. health effect line

**(Toll-free within 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](mailto:hpcustomer.inquiries@hp.com)

## 2. Hazard(s) identification

### Classification of the substance or mixture

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

### GHS label elements, including precautionary statements

**Hazard symbols** None.  
**Signal word** None.  
**Hazard statement** Not available.  
**Precautionary statement**  
**Prevention** Not available.  
**Response** Not available.  
**Storage** Not available.  
**Disposal** Not available.

### 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. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical identity | Common name(s), synonym(s) | CAS number and other unique identifiers | Concentration |
|-------------------|----------------------------|---|---------------|
| Polyester resin   | Polyester resin            | Trade Secret                            | <85           |
| Carbon black      |                            | 1333-86-4                               | <10           |

| Chemical identity | Common name(s), synonym(s) | CAS number and other unique identifiers | Concentration |
|-------------------|----------------------------|---|---------------|
| Amorphous silica  | Amorphous silica           | Trade Secret                            | <5            |
| Paraffin Wax      |                            | 8002-74-2                               | <5            |
| Titanium dioxide  |                            | 13463-67-7                              | <1            |

#### 4. First-aid measures

##### Description of necessary first-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move person to fresh air immediately. If irritation persists, consult a physician.   |
| <b>Skin contact</b>                                       | Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.   |
| <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, consult a physician. |
| <b>Ingestion</b>  | Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician.   |
| <b>Most important symptoms/effects, acute and delayed</b> | Difficulty in breathing. Coughing.   |

#### 5. Fire-fighting measures

##### Suitable (or unsuitable) extinguishing media

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                | CO <sub>2</sub> , water, or dry chemical  |
| <b>Unsuitable extinguishing media</b>              | None known.   |
| <b>Specific hazards arising from the chemical</b>  | Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.                           |
| <b>Special protective actions for firefighters</b> | Wear self-contained breathing apparatus and protective clothing. Wear full set of protective equipment including chemical goggles and gloves. |
| <b>Fire fighting equipment/instructions</b>        | If fire occurs in the printer, treat as an electrical fire.   |
| <b>Specific methods</b>                            | None established.   |

#### 6. Accidental release measures

##### Personal precautions, protective equipment and emergency procedures

|  |   |
|--|---|
| <b>For non-emergency personnel</b>                           | Avoid inhalation of dust. Wash thoroughly after dealing with a spillage. See Section 8 of the SDS for Personal Protective Equipment. Ensure adequate ventilation.   |
| <b>For emergency responders</b>                              | Not available.  |
| <b>Environmental precautions</b>                             | Not available.  |
| <b>Methods and materials for containment and cleaning up</b> | Slowly vacuum or sweep the material into a bag or other sealed container. Clean remainder with a damp cloth or vacuum cleaner. If a vacuum is used, the motor must be rated as dust explosion-proof. Fine powder can form explosive dust-air mixtures. Dispose of in compliance with federal, state, and local regulations. |

#### 7. Handling and storage

|   |  |
|---|--|
| <b>Precautions to ensure safe handling</b>                          | Keep out of the reach of children. Avoid inhalation of dust and contact with skin and eyes. Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames. |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.   |

#### 8. Exposure controls/personal protection

##### Control parameters

##### Occupational exposure limits

###### Uruguay. Occupational Exposure Limit Values

| Components                   | Type | Value               | Form                |
|------------------------------|------|---------------------|---------------------|
| Carbon black (CAS 1333-86-4) | TWA  | 3 mg/m <sup>3</sup> | Inhalable fraction. |

**Uruguay. Occupational Exposure Limit Values**

| Components                        | Type | Value    | Form  |
|-----------------------------------|------|----------|-------|
| Paraffin Wax (CAS 8002-74-2)      | TWA  | 2 mg/m3  | Fume. |
| Titanium dioxide (CAS 13463-67-7) | TWA  | 10 mg/m3 |       |

**US. ACGIH Threshold Limit Values**

| Components                        | Type | Value    | Form                |
|-----------------------------------|------|----------|---------------------|
| Carbon black (CAS 1333-86-4)      | TWA  | 3 mg/m3  | Inhalable fraction. |
| Paraffin Wax (CAS 8002-74-2)      | TWA  | 2 mg/m3  | Fume.               |
| Titanium dioxide (CAS 13463-67-7) | TWA  | 10 mg/m3 |                     |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Control banding approach** Not available.

**Appropriate engineering controls** Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Rubber gloves are recommended. Wash hands after handling.

**Other** Protection suit must be worn.

**Respiratory protection** No personal respiratory protective equipment required under normal conditions of use.

**Thermal hazards** Not available.

**9. Physical and chemical properties**

**Appearance** Fine powder

**Physical state** Solid.

**Form** solid

**Color** Black.

**Odor** Slight plastic odor

**Odor threshold** Not available.

**pH** Not applicable

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not applicable

**Flash point** Not applicable

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** Not flammable

**Flammability limit - upper (%)** Not available.

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** Not applicable

**Vapor density** Not applicable

**Solubility(ies)**

**Solubility (water)** Negligible in water. Partially soluble in toluene and xylene.

**Partition coefficient (n-octanol/water)** Not available.

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Auto-ignition temperature</b> | No data available         |
| <b>Decomposition temperature</b> | Not available.            |
| <b>Viscosity</b>                 | Not applicable            |
| <b>Other information</b>         | Not available.            |
| <b>Oxidizing properties</b>      | No information available. |
| <b>Percent volatile</b>          | 0 % estimated             |
| <b>Specific gravity</b>          | 1.2 g/ml                  |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Not available.  |
| <b>Chemical stability</b>                 | Stable under normal storage conditions.                               |
| <b>Possibility of hazardous reactions</b> | Will occur.   |
| <b>Conditions to avoid</b>                | Heat, sparks, flames. Sunlight. Avoid dust close to ignition sources. |
| <b>Incompatible materials</b>             | Strong oxidizers  |
| <b>Hazardous decomposition products</b>   | Carbon monoxide and carbon dioxide.                                   |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Skin contact</b> | Contact with skin may result in mild irritation.   |
| <b>Eye contact</b>  | Contact with eyes may result in mild irritation.   |
| <b>Ingestion</b>    | Ingestion is not a likely route of exposure.   |

**Symptoms** Not available.

### Information on toxicological effects

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

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Carbon black (CAS 1333-86-4)

#### Acute

#### **Oral**

|      |     |               |
|------|-----|---------------|
| LD50 | Rat | > 10000 mg/kg |
|------|-----|---------------|

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

### Respiratory or skin sensitization

**Respiratory sensitization** Based on available data, the classification criteria are not met.

**Skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)  
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.

### ACGIH Carcinogens

|                                   |  |
|-----------------------------------|--|
| Carbon black (CAS 1333-86-4)      | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| Titanium dioxide (CAS 13463-67-7) | A4 Not classifiable as a human carcinogen.                       |

### IARC Monographs. Overall Evaluation of Carcinogenicity

|                                     |   |
|-------------------------------------|---|
| Amorphous silica (CAS Trade Secret) | 3 Not classifiable as to carcinogenicity to humans. |
| Carbon black (CAS 1333-86-4)        | 2B Possibly carcinogenic to humans.                 |
| Titanium dioxide (CAS 13463-67-7)   | 2B Possibly carcinogenic to humans.                 |

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|   |   |
|---|---|
| <b>Reproductive toxicity</b>                              | Based on available data, the classification criteria are not met.   |
| <b>Specific target organ toxicity - single exposure</b>   | Based on available data, the classification criteria are not met.   |
| <b>Specific target organ toxicity - repeated exposure</b> | Based on available data, the classification criteria are not met.   |
| <b>Aspiration hazard</b>                                  | Based on available data, the classification criteria are not met.   |
| <b>Other information</b>                                  | Complete toxicity data are not available for this specific formulation<br>Refer to Section 2 for potential health effects and Section 4 for first aid measures. |

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## 12. Ecological information

|                                      |                |
|--------------------------------------|----------------|
| <b>Ecotoxicity</b>                   | Not available. |
| <b>Persistence and degradability</b> | Not available. |
| <b>Bioaccumulative potential</b>     | Not available. |
| <b>Mobility in soil</b>              | Not available. |
| <b>Other adverse effects</b>         | Not available. |

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## 13. Disposal considerations

### Disposal methods

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Dispose of in compliance with federal, state, and local regulations. Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Do not put toner container into fire; heated toner may cause severe burns. Do not incinerate. Do not allow this material to drain into sewers/water supplies.<br><br>HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit <a href="http://www.hp.com/recycle">http://www.hp.com/recycle</a> . |
| <b>Local disposal regulations</b>            | Not available.   |
| <b>Waste from residues / unused products</b> | Not available.   |
| <b>Contaminated packaging</b>                | Not available.   |

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## 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.

**Further information** Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

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## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### **Narcotics (Decree 14294, amended 10/28/1998 promulgating UN 1961 Convention, Lists I-IV)**

Not listed.

#### **Psychotropics (Decree 14294, amended 10/28/1998 promulgating UN 1961 Convention, Lists I-IV)**

Not listed.

#### **Uruguay. Precursor and Chemical Products (Decree No. 391/002 of 10/10/2002, Annex I, Tables 1 & 2)**

Not regulated.

#### **Uruguay. Substance list for prevention and control of occupational hazards caused by carcinogens. (Decree 183/982)**

Carbon black (CAS 1333-86-4)

Article 5 - Prohibits the use or application of the substances listed in Table Annex IV, except when an optimal level of environmental hygiene for the involved workers is ensured and they are provided, prior to the execution of tasks, with personal protective equipment against inhalation of carcinogenic substances and/or contact with these agents.

Paraffin Wax (CAS 8002-74-2)

Article 5 - Prohibits the use or application of the substances listed in Table Annex IV, except when an optimal level of environmental hygiene for the involved workers is ensured and they are provided, prior to the execution of tasks, with personal protective equipment against inhalation of carcinogenic substances and/or contact with these agents.

**International regulations**

The components of this product are reported in the following inventories: China.

**Montreal Protocol**

Not applicable.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Basel Convention**

Not applicable.

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**16. Other information**

**Issue date** 13-Sep-2016

**Revision date** 19-Jan-2019

**Disclaimer**

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**Revision information**

Accidental release measures: Other issues relating to spills and releases  
Accidental release measures: Methods and materials for containment and cleaning up  
Toxicological information: Eye contact  
Toxicological information: Ingestion  
Toxicological information: Inhalation  
Toxicological information: Skin contact  
Other information: Disclaimer

## 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  |