



# SAFETY DATA SHEET

## 1. Identification

<b>Important information</b>	*** 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. ***
<b>Name of the substance or mixture (trade name)</b>	HP Color LaserJet Q3964A Imaging Drum Cartridge
<b>Major recommended uses for the substance or mixture</b>	This product is an imaging drum that is used in HP Color LaserJet 2550/2820/2840 series printers.
<b>Specific restrictions for use of the substance or mixture</b>	Not available.
<b>Manufacturer/Importer/Distributor information</b>	
<b>Company identification</b>	HP Colombia SAS Carrera 7 No 99-53 Torre B Pisos 7 Bogota, Colombia
<b>Telephone</b>	(57) 1 639 0000
<b>HP Inc. health effects line</b>	
<b>(Toll-free within the US)</b>	1-800-457-4209
<b>(Direct)</b>	1-760-710-0048
<b>HP Inc. Customer Care Line</b>	
<b>(Toll-free within the US)</b>	1-800-474-6836
<b>(Direct)</b>	1-208-323-2551
<b>Email:</b>	hpcustomer.inquiries@hp.com

## 2. Hazards identification

<b>Classification of the substance or mixture</b>	
<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>Environmental hazards</b>	Not classified.
<b>GHS labeling elements, including precautionary statements</b>	
<b>Hazard symbol(s)</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement(s)</b>	Not available.
<b>Precautionary statement(s)</b>	
<b>Prevention</b>	Not available.
<b>Response</b>	Not available.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.
<b>Other hazards which do not result in classification</b>	None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.
<b>Supplemental information</b>	None.

## 3. Composition/information on ingredients

<b>Mixture</b>		
<b>Common chemical name or technical name</b>	<b>CAS number</b>	<b>Concentration or concentration range</b>
Aluminum alloy	Trade Secret	<98
Aluminum alloy		

Aryl amine derivative Aryl amine derivative	Trade secret	<1
Polyester resin Polyester resin	Trade Secret	<1
Titanium dioxide	13463-67-7	<1

#### 4. First-aid measures

##### First-aid measures

<b>Inhalation</b>	Not applicable.
<b>Skin contact</b>	In case of irritation, wash with soap and water.
<b>Eye contact</b>	Not applicable.
<b>Ingestion</b>	Not applicable.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.
<b>Notes to physician</b>	Not available.

#### 5. Fire-fighting measures

##### Means of fire extinguishing

<b>Suitable extinguishing media</b>	CO2, water, dry chemical, or foam
<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 fire fighting procedures</b>	If fire occurs in the printer, treat as an electrical fire.
<b>Protective measures taken by firefighting crews</b>	Not available.
<b>Specific methods</b>	None established.

#### 6. Control measures for spills and leaks

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

<b>To be taken by those who are not involved in rendering emergency services</b>	Not applicable.
<b>To be taken by those who are involved in rendering emergency services</b>	Not available.
<b>Environmental precautions</b>	See also section 13 Disposal considerations.
<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 for safe handling</b>	Keep out of the reach of children. Keep container closed and store at room temperature. Keep away from strong oxidizers. 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. Store at room temperature. Keep at temperatures below 45°C. Store away from strong oxidizers. Keep tightly closed and dry.

#### 8. Exposure controls/personal protection

##### Control parameters

##### Occupational exposure limits

##### US. ACGIH Threshold Limit Values

Components	Type	Value
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

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

Components	Type	Value
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

**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
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

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

Components	Type	Value
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

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

Components	Type	Value
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

**Venezuela. OELs. (COVENIN 2253: Permissible Environmental Concentration Limits for Chemical Substances in Workplaces and Biological Exposure Indices)**

Components	Type	Value
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	None established.
<b>Appropriate engineering controls</b>	Use in a well ventilated area.
<b>Personal protective measures</b>	
<b>Eyes and face protection</b>	Not available.
<b>Skin protection</b>	
<b>Hand protection</b>	Not available.
<b>Other</b>	Not available.
<b>Respiratory protection</b>	Not available.
<b>Thermal hazards</b>	Not available.

**9. Physical and chemical properties**

<b>Appearance</b>	Viridian aluminum cylinder
<b>Physical state</b>	Not available.
<b>Form</b>	solid
<b>Color</b>	Not available.
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling temperature range</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not flammable
<b>Flammability limit - upper (%)</b>	Not available.

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<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible. Partially soluble in ketones, esters, and aromatic solvents.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable
<b>Other physical and chemical parameters</b>	
<b>Oxidizing properties</b>	No information available.

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## 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 not occur.
<b>Conditions to avoid</b>	Imaging Drum: Exposure to light
<b>Incompatible materials</b>	Strong oxidizers
<b>Hazardous decomposition products</b>	No decomposition if stored normally.

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## 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.
<b>Symptoms</b>	Not available.
<b>Acute toxicity</b>	Not available.
<b>Skin irritation and corrosion</b>	Not available.
<b>Serious eye damage/eye irritation</b>	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
<b>Germ cell mutagenicity</b>	Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
<b>Carcinogenicity</b>	Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
<b>Toxic to reproduction</b>	Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).
<b>Specific target organ toxicity - single exposure</b>	Not available.
<b>Specific target organ toxicity - repeated exposure</b>	Not available.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	No information available.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation 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>	No ecotoxicity data noted for the ingredient(s).
<b>Persistence and degradability</b>	Not available.

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**Bioaccumulative potential**

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

**Bioconcentration factor  
(BCF)** Not available.

**Mobility in soil** Not available.

**Other adverse effects** This product has not been tested for ecological effects.

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**13. Considerations on final disposal****Recommended methods for final destination**

**Residual waste** Not available.

**Contaminated packaging** Not available.

**Local disposal regulations** Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

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 <http://www.hp.com/recycle>.

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**14. Transport information**

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

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**15. Regulatory information****Federal regulations**

**Colombia. Controlled Substances (Resolution No. 009 of 1987 nationally regulating the transport & use of substances in subparagraph. 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.

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**16. Other information**

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

## Disclaimer

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.

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.

## 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