



# SAFETY DATA SHEET

## 1. Product and company identification

**Product name** HP Color LaserJet C4149A Black Print Cartridge  
**Company identification** HP New Zealand  
Level 4, 22 Viaduct Harbour Avenue  
Auckland  
New Zealand 1010  
**Telephone** +64 9918 9134

**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

### Recommended use and Limitations on use

**Recommended use** This product is a black toner preparation that is used in HP Color LaserJet 8500/8550/8550mfp series printers.

## 2. Hazards identification

### GHS classification

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

### Label elements

**Symbols** None.  
**Signal word** None.  
**Hazard statement** None.

### Precautionary statement

**Prevention** None.  
**Response** None.  
**Storage** None.  
**Disposal** None.

### Other hazards

This preparation contains no component classified as Persistent, Bioaccumulative, and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) as defined under Regulation (EC) 1907/2006. None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.

**Supplemental information** None.

## 3. Composition/information on ingredients

**Substance or mixture** Mixture

Chemical property	Synonyms	CAS Number	Concentration (%)
Iron oxide	Iron oxide	1317-61-9	<50
Styrene acrylate copolymer		Trade Secret	<50

## 4. First aid measures

**Inhalation** Move person to fresh air immediately. If irritation persists, consult a physician.  
**Skin contact** Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.  
**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, consult a physician.

<b>Ingestion</b>	Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician.
<b>Potential delayed effects</b>	Not available.
<b>Personal protection for first-aid responders</b>	Not available.
<b>Notes to physician</b>	Not available.

## 5. Fire-fighting measures

<b>Extinguishing media</b>	CO2, water, or dry chemical
<b>Extinguishing media to avoid</b>	None known.
<b>HAZCHEM Code Number</b>	None.
<b>Specific hazards during fire fighting</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>Protection of fire-fighters</b>	Not available.
<b>Hazards from combustion products</b>	Carbon monoxide and carbon dioxide.
<b>Specific methods</b>	None established.

## 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Minimize dust generation and accumulation.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
<b>Spill cleanup methods</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>Handling</b>	
<b>Precautions</b>	Not available.
<b>Safe handling advice</b>	Not available.
<b>Prevention of fire and explosion</b>	Not available.
<b>Storage</b>	
<b>Suitable storage conditions</b>	Keep out of the reach of children. Store at room temperature. Store away from strong oxidizers. Keep tightly closed and dry.
<b>Incompatible materials</b>	Not available.

## 8. Exposure controls/personal protection

<b>Exposure limits</b>	
No exposure limits noted for ingredient(s).	
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	, 5 mg/m3 (Respirable Fraction)
	, 3 mg/m3 (Respirable Particulate)
	TRGS 900 (Luftgrenzwert) - 10 mg/m3 (Einatembare partikel), 3 mg/m3 (Alveolengängige fraktion)
<b>Engineering controls</b>	Use in a well ventilated area.
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Not available.
<b>Skin protection</b>	Not available.
<b>Eye/face protection</b>	Not available.
<b>Radioactive or thermal hazards</b>	Not available.
<b>Hygiene measures</b>	Not available.

## 9. Physical and chemical properties

<b>Appearance</b>	Fine powder
-------------------	-------------

<b>Physical state</b>	Solid.
<b>Form</b>	solid
<b>Color</b>	Black.
<b>Odor</b>	Slight plastic odor
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point, initial boiling point, and boiling range</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Auto-ignition temperature</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not available.
<b>Flammability limit - lower (%)</b>	Not flammable
<b>Flammability limit - upper (%)</b>	Not available.
<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>Evaporation rate</b>	Not applicable
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible in water. Partially soluble in toluene and xylene.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable
<b>Softening point</b>	212 - 302 °F (100 - 150 °C) 212 - 302 °F (100 - 150 °C)
<b>Percent volatile</b>	0 % estimated
<b>Other data</b>	
<b>Oxidizing properties</b>	No information available.

---

## 10. Stability and reactivity

<b>Stability</b>	Stable under normal storage conditions.
<b>Conditions to avoid</b>	None.
<b>Incompatible materials</b>	Strong oxidizers
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide.
<b>Possibility of hazardous reactions</b>	Will not occur.

---

## 11. Toxicological information

<b>Acute toxicity</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Ingestion is not a likely route 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>Routes of exposure</b>	Not available.
<b>Symptoms</b>	Not available.
<b>Skin corrosion/irritation</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>Skin sensitizer</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>Chronic effects</b>	No information available.
<b>Relevant negative data</b>	Not 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.

## 12. Ecological information

### Ecotoxicological data

Product	Species	Test Results
C4149A		
<b>Aquatic</b>		
Fish	LL50 Rainbow Trout	> 1000 mg/l, 96 Hours
<b>Ecotoxicity</b>	LL50: > 1000 mg/l, Rainbow Trout, 96.00 Hours	
<b>Persistence and degradability</b>	Not available.	
<b>Bioaccumulation</b>	Not available.	
<b>Partition coefficient n-octanol/water (log Kow)</b>	Not available.	
<b>Bioconcentration factor (BCF)</b>	Not available.	
<b>Mobility</b>	Not available.	
<b>Other hazardous effects</b>	Not available.	

## 13. Disposal considerations

<b>Disposal methods/information</b>	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 <a href="http://www.hp.com/recycle">http://www.hp.com/recycle</a> .
<b>Special precautions</b>	Not available.

## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	
<b>UN number</b>	UN2807
<b>UN proper shipping name</b>	Magnetized Material
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	No.
<b>Special precautions for user</b>	Not available.
<b>IMDG</b>	
	Not regulated as dangerous goods.
<b>ADR</b>	
	Not regulated as dangerous goods.
<b>Further information</b>	7or more of these cartridges shipped together in a single package (e.g., box, container), by air, are regulated as a magnetized material. These requirements do not apply to single or dual pack cartridges contained in an original HP package and shrink wrapped on a pallet for shipment by air.

## 15. Regulatory information

### Applicable regulations

#### New Zealand Inventory of Chemicals (NZIoC): Registration status

Iron oxide (CAS 1317-61-9)	May be used as a single component chemical under an appropriate group standard
----------------------------	--

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

---

**16. Other information****References**

Not available.

**Issued by**

Not available.

**Prepared by**

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.

**Issue date**

28-Oct-2016

**Revision date**

10-Nov-2018

**Revision information**

1. Product and Company Identification: Product and Company Identification  
Fire-fighting measures: Specific hazards during fire fighting  
Accidental release measures: Spill cleanup methods  
Toxicological information: Eye contact  
Toxicological information: Ingestion  
Toxicological information: Inhalation  
Toxicological information: Skin contact  
Transport information: Further information  
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