



Material Safety Data Sheet

For Supply Reorder Number:

816-8

MSDS Number:	OCE 056, REV A Océ Imagistics Inc.	Issued:	June 21, 2002
		Revised:	May 31, 2005
Product Name:	OPC Drum and Toner Cartridge For 1530 Facsimile Machine	Page:	1 of 6

SECTION I - PRODUCT IDENTIFICATION

Product Name:	OPC Drum and Toner Cartridge For 1530 Facsimile Machine		
Reorder Number:	816-8		
Manufacturer:	Océ Imagistics Inc.		
Address:	100 Oakview Drive		
City:	Trumbull		
State:	CT		
Zip:	06611-4724		
For MSDS copies:	203-365-7025	or	"www.Imagistics.com"
Emergency/Chemtrec:	800-424-9300		
Effective Date:	June 21, 2002		
Print Date:	4/21/2006		

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS No.	%	EXPOSURE LIMITS
Iron Oxide	1309-37-1	Proprietary	5 mg/m ³ TWA TLV 10 mg/m ³ TWA PEL
Aluminum Alloy	Mixture	Proprietary	5 mg/m ³ TWA TLV (as aluminum oxide) 10 mg/m ³ TWA PEL (as aluminum oxide)
Titanium Dioxide	13463-67-7	Proprietary	10 mg/m ³ TWA TLV 15 mg/m ³ TWA PEL (total dust)

Additional Information

May Contain Non-Hazardous Ingredients: Styrene acrylate polymer, polypropylene, binder resin, organic semiconductor

SECTION III - HAZARD IDENTIFICATION

Emergency Overview:	An image unit for a facsimile machine, composed of a photosensitive drum and toner cartridge. The toner powder cannot be removed, unless the cartridge is broken.
Relevant Routes of Exposure:	Skin and Eyes
Signs and Symptoms of Acute Overexposure:	May cause mild eye irritation. This product is not a skin irritant.
Signs and Symptoms of Chronic Overexposure:	None known
Medical Conditions Generally Aggravated By Exposure:	None known
<u>Potential Health Effects:</u>	
Eyes:	May cause mild irritation.
Skin:	No adverse effects expected.
Ingestion:	No adverse effects expected. This product is not acutely toxic by ingestion.
Inhalation:	Could be a route of exposure, but unlikely under normal use. Inhalation



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SECTION III - HAZARD IDENTIFICATION

of toner powder may cause mucous membrane and respiratory irritation.

Carcinogenicity:

NTP:	No
IARC:	No
OSHA:	No
ACGIH:	No
OTHER:	No

SECTION IV - FIRST AID MEASURES

Eyes:	Immediately flush with plenty of running cold water, holding eye lids open to assure thorough rinsing. Get medical attention if irritation persists.
Skin:	Wash with soap and water.
Ingestion:	If swallowed, dilute with water. DO NOT induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.
Inhalation:	Remove person to fresh air. Wash nostrils, rinse mouth. If irritation or pulmonary symptoms develop, consult a physician.

SECTION V - FIRE FIGHTING PROCEDURES

Flammable Limits in Air (% by Volume):	Not determined
Flash Point:	Cartridge will melt at >212°F (>100°C).
Autoignition Temperature:	Not determined
Extinguishing Media:	Water fog, carbon dioxide, dry chemical, or foam.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Do not use methods that may create a dust cloud, such as high pressure water and/or steam.
Unusual Fire and Explosion Hazards:	Toner powder can form explosive mixtures with air at high concentrations.
Known or Anticipated Hazardous Products of Combustion:	None known.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:	Sweep material onto paper, or vacuum.
Personal Precautions:	Avoid inhalation of dust.
Environmental Precautions:	It is recommended to keep away from drains, surface and ground water.
Methods for Cleanup:	Sweep material onto paper, or vacuum.
Large Spill:	Not sold in large quantities.
Small Spill:	Sweep material onto paper. Avoid generating airborne dust.

SECTION VII - HANDLING AND STORAGE



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SECTION VII - HANDLING AND STORAGE

Handling: Avoid inhalation of toner dust. Avoid direct contact with toner.
Storage: Keep out of the reach of children.
Other Precautions: Not required under normal use.

SECTION VIII - EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Controls: None required
Ventilation Requirements: General office ventilation.
Personal Protective Equipment:
Eye/Face Protection: Not required under normal use.
Skin Protection: Not required under normal use.
Respiratory Protection: Not required under normal use.
Other Protective Clothing or Equipment: Not required under normal use.
Exposure Guidelines: See Section II

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Cartridge assembly
Boiling Point: Not applicable
Color: Toner: Black powder
Drum: Greenish-blue cylinder
Freezing Point: No data
Melting Point: Drum will melt at >100°C
Octanol/Water Partition Coefficient: No data
Odor: No odor
Odor Threshold: No data
Percent Volatile: Not applicable
pH Value: No data
pH Concentration: No data
Physical State: Cartridge assembly with a black powder
Reactivity in Water: None
Solubility in Water: Negligible
Specific Gravity or Density (Water=1): Toner: 1.6
Vapor Density: No data
Vapor Pressure: No data
Vapor Pressure Temperature: Not applicable
Volatile Organic Compounds: No data
Water/Oil Distribution Coefficient: No data
Weight Per Gallon: No data



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SECTION X - STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Avoid excessive heat. Keep from freezing.
Incompatibility With Other Materials:	Avoid strong oxidizing materials.
Hazardous Decomposition Products:	Thermal decomposition may release carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Not applicable

SECTION XI - TOXICOLOGICAL INFORMATION

VALUE	ANIMAL	ROUTES	COMPONENTS
LC50: No data available LD50: >200 mg/kg* LD50: No data available	Rat	Inhalation Oral Dermal	Product Drum Product

Additional Information

*The value was derived from previous testing of products with similar composition. Similar products have been found to be negative in the AMES test for mutagenicity.

SECTION XII - ECOLOGICAL INFORMATION

Ecological Information: No data available

SECTION XIII - DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose in accordance with local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

U.S. DOT

Proper Shipping Name:	Not regulated
Hazard Class:	Not applicable
ID Number:	Not applicable
Packing Group:	Not applicable
Labels:	None
Special Provisions:	None
Packaging Exceptions:	Not applicable
Non-Bulk Packaging:	Not applicable
Bulk Packaging:	Not applicable
Air/Rail Limit:	None
Air Cargo Limit:	None
Vessel Stowage:	Not applicable
Other Stowage:	Not applicable
Reportable Quantity:	None

AIR - ICAO OR IATA



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SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name:	Not regulated
Hazard Class:	Not applicable
ID Number:	Not applicable
Risk:	Not applicable
Packing Group:	Not applicable
Hazard Labels:	None
Packing Instructions:	Not applicable
Air Passenger/Cargo Limit Per Package:	Not applicable
Packing Instruction - Cargo:	Not applicable
Air Cargo Limit Per Package:	Not applicable
Special Provisions Code:	None

WATER - IMDG

Proper Shipping Name:	Not regulated
Hazard Class:	Not applicable
ID Number:	Not applicable
Packing Group:	Not applicable
Risk:	Not applicable
Emergency Procedures Code:	Not applicable
Medical First Aid Guide Code:	Not applicable

SECTION XV - REGULATORY INFORMATION

U.S. Federal Regulations:	See below
State Regulations:	This product contains no chemicals subject to California Proposition 65.
International Regulations:	EU: Not classified as a dangerous material. Canada: Not a controlled product.

SARA Hazards:

Acute:	No
Chronic:	No
Reactive:	No
Fire:	No
Pressure:	No

Additional Information

This product does not contain chemical or chemical compounds listed in the following SARA Title III categories: Extremely Hazardous Substances (302), Toxic Chemical Release Reporting (313). All the components of this product are listed in the EPA TSCA Inventory.

SECTION XVI - OTHER INFORMATION



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SECTION XVI - OTHER INFORMATION

NFPA Codes:

Health:	0
Flammability:	1
Reactivity:	0
Other:	0

HMIS Codes:

Health:	0
Flammability:	1
Reactivity:	0
Protection:	

Other Information: Keep out of reach of children.