



# MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE

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A-SP-ELMD060-AA-0

Rev A

## SECTION 1 - PREPARATION/PRODUCT INFORMATION

**Manufacturer's Name:** Digital Equipment Corporation, Maynard, MA USA

**Non-Emergency Phone Number:** (508) 496-9242

**Emergency Phone Numbers:** 800-228-5635 ext.123  
[+1] 612-221-3999 ext.123

**Preparation Date:** January 27, 1995

**Supersedes:** None

**Product Name:** Toner Cartridge

**Part Number(s):** LN14X-AA, 22-12313-01

**Use:** DEClaser 3500 Printers

## SECTION 2 - INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL	CARCINOGEN LIST			SARA 313
					IARC	NTP	OSHA	

None Toner cartridge is classified as an article. See Section 8 for Safe Handling/Preventive Measures.

All ingredients contained in this product are on the U.S. TSCA inventory.

## SECTION 3 - PHYSICAL AND CHEMICAL DATA

Boiling Point - Not applicable  
Percent Volatile - 0%  
Vapor Density - Not applicable  
Appearance - Black powder  
pH - Not applicable  
Melting/Softening Point - Not available

Solubility in Water - Slight  
Vapor Pressure - Not applicable  
Evaporation Rate - Not applicable  
Odor and Odor Threshold - Faint  
Freezing Point - Not applicable  
Specific Gravity - 1.7

## SECTION 4 - FIRE AND EXPLOSION HAZARD

Flammable Limits - Not available  
Auto-Ignition Temperature - Not available  
Flash Point - Not available  
Special Fire-Fighting Procedure - None

Extinguishing Media - Water, foam, carbon dioxide, dry chemical  
Unusual Fire or Explosion Hazards - May form explosive mixture in air.  
Hazardous Combustion Products - Carbon monoxide,  
carbon dioxide

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**SECTION 5 - REACTIVITY DATA**

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Stability - Stable

Conditions to Avoid - None

Hazardous Polymerization - None

Incompatibility - None

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide, aldehyde, ketones

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**SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES**

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**Hazard to Humans** - None during normal use. Inhalation and skin are primary routes of exposure.

Possible respiratory tract irritant, non-irritating to skin.

**Animal Experiment (Based on testing of toner) -****Acute -**Oral LD<sub>50</sub> >5 g/kgInhalation LC<sub>50</sub> >5 mg/l (4 hour)

Eye irritation - None

Skin irritation - None

Not mutagenic in Ames test, not a sensitizer

LC<sub>50</sub> in fathead minnows >1000 mg/kg**Chronic/Other** - Lung fibrosis seen in rats exposed to high level of toner by inhalation.**Additional Information** - See Section 8 for Safe Handling/Preventive Measures. Not active in Ames test for mutagenicity.

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**SECTION 7 - EMERGENCY/FIRST AID PROCEDURE**

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(Applies to toner.)

**If Inhaled** - Not applicable**If on Skin** - Promptly wash skin with soap and water.**If in Eyes** - Flush eyes with large quantities of water for at least 15 minutes.**If Swallowed** - Dilute stomach contents with water.

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**SECTION 8 - SAFE HANDLING/PREVENTIVE MEASURES**

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Personal Protective Equipment - None for normal use.

Engineer Control - Not needed

Waste Disposal - Dispose as rubbish.

Procedures for Leaks or Spills - Sweep up or vacuum.

Work Practices - None

Storage Requirement - None

Handling Procedure/Equipment - None

Labelling - None

WHMIS Classification - None

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**SECTION 9 - TRANSPORTATION REQUIREMENTS**

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International Air Transportation Association (ITA) requirements:

Magnetized Material (13 or more cartridges)