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## SECTION 1 – Product Information

**Product Names:** Katun Magenta Toner Cartridge for use in: HP Color LJ 4500/n/dn, 4500/n/dn

**Katun PN:** IVR-83193

**Chemical Name:** None

<u>Chemical Name</u>	<u>CAS #</u>	<u>%</u>
Resin	Confidential	Max. 95%
Magenta Pigment	Confidential	2-10%
Wax	9003-07-0	<5%
Metal Complex	Confidential	<5%
Surface Additive	67762-90-7	<3%

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## SECTION 2 – Emergency and First Aid

**Eyes:** Flush with plenty of water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing.

**Skin:** Wash well with soap and water.

**Inhalation:** Remove from exposure to fresh air. Treat any irritation symptomatically. Call a doctor if condition persists.

**Primary Route of Entry:** Inhalation

**Symptoms of Overexposure:** Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.

**Medical Conditions Generally Aggravated by Exposure:** None

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## Section 3 – Toxicology and Health Information

**Oral LD50:** 10g/kg (rats) practically non-toxic  
TLV: 100mg/m<sup>3</sup> (Total Dust), 5mg/ m<sup>3</sup> (Respirable Dust)

**Eye Contact:** Not an irritant  
PEL: 15mg/m<sup>3</sup> (Total Dust), 5 mg/ m<sup>3</sup> (Repsirable Dust)

**DermalLD50:** >2g/kg (rabbits) practically non-toxic

**Inhalation L C50:** 50mg/1 (rats) practically non-toxic

**Human Patch:** Not an irritant, not a sensitiser  
XEL: 5mg/m<sup>3</sup> (Total Dust)

**Mutagenicity:** No mutagenicity detected in Ames, Micronucleus Yeast Mitotic Recombination and CHO/HGPRT Assays.

**Carcinogens:** None present.

**Aquatic L C50:** >500mg/1 (Fathead Minnows) non-toxic

N/A = Not Applicable

**Additional Info:** Does not contain any substance which, as a result of reductive splitting, can produce any harmful amines.

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## SECTION 4 – Ecological Information

None.

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## SECTION 5 – Hazards Identification

No known hazards

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## SECTION 6 – Physical Data and Chemical Properties

<b>Appearance/Odor:</b>	Pink powder, no significant odor	<b>Softening Range:</b>	180°C-185°C
<b>Boiling point:</b>	N/A	<b>Melting Point:</b>	120°C
<b>Solubility in Water:</b>	Practically Insoluble	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	1.0 g/cm <sup>3</sup>
<b>Evaporation Rate:</b>	N/A	<b>Vapor Pressure (mm Hg)</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>pH=</b>	N/A
<b>Volatile N.A.% (Wgt)</b>	N/A%(Vol.)		

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## SECTION 7 – Fire Fighting Measures

<b>Flash Point (Method Used):</b>	N/A	<b>Flammable Limits</b>	<b>LEL:</b> N/A
<b>Extinguishing Media:</b>	Water, dry chemical or foam		<b>UEL:</b> N/A
<b>Special Fire Fighting Procedures:</b> Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.			
<b>Fire and Explosion Hazards:</b>	Possible dust explosion if dispersed in air in large quantities.		

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## SECTION 8 – Stability and Reactivity

<b>Stability:</b>	<table><tr><td>Unstable</td><td></td></tr><tr><td>Stable</td><td>X</td></tr></table>	Unstable		Stable	X	<b>Hazardous Polymerization:</b>	<table><tr><td>May Occur</td><td></td></tr><tr><td>Will Not Occur</td><td>X</td></tr></table>	May Occur		Will Not Occur	X
Unstable											
Stable	X										
May Occur											
Will Not Occur	X										

**Hazardous Decomposition Products:** Products of combustion may be toxic. Avoid breathing smoke.

**Incompatibility (Materials to Avoid):** None known

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## SECTION 9 – Exposure Controls / Personal Protection

<b>Respiratory Protection:</b>	None required when used as intended.
<b>Eye Protection:</b>	None required when used as intended
<b>Protective Gloves:</b>	None required when used as intended.
<b>Ventilation:</b>	Local exhaust preferable, Mechanical (general) acceptable.
<b>Other:</b>	For use other than normal customer operating procedures (such as in bulk toner processing facilities), goggles and respirators may be required.

N/A = Not Applicable

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## SECTION 10 – Handling and Storage

**Handling and Storage:** Store at temperatures below 40°C. Use adequate ventilation.

**Conditions to Avoid:** Avoid prolonged inhalation of excessive dust.

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## SECTION 11 – Accidental Release Measures

**For Spills and Leakage:** Sweep up or vacuum spilled toner and carefully transfer into a sealable waste container. Sweep slowly to minimize generation of dust during clean up. If a vacuum is used, the motor must be rated as dust tight. A conductive hose bonded to the machine should be used to reduce build-up (See Section VII). Residue can be removed with soap and cold water. Garments may be washed or dry cleaned, after removal of loose toner.

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## SECTION 12 – Disposal Considerations

**Waste Disposal Method:** When disposed, this material is not a hazardous waste. However, Country and Local requirements may be more restrictive. Therefore, consultation with the waste disposal authorities is advised. Incinerate only in a closed container.

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## SECTION 13 – Transport Information

**Hazard Classification:** N.A.

**ID Number:** N.A.

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## SECTION 14 – Regulatory Information

None

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## SECTION 15 – Other Information

None

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This information relates only to this specific material and may not be valid when used in combination with other materials. This information is, to the best of Katun's knowledge and belief, accurate and reliable. However, guarantee cannot be made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy him or herself to the suitability and completeness of such information for his or her own particular use.