

HEWLETT-PACKARD CO -- HP C3104A - MAGENTA TONER

MSDS Safety Information

FSC: 6850

NIIN: 01-424-8051

MSDS Date: 03/30/1999

MSDS Num: CKLMC

Product ID: HP C3104A - MAGENTA TONER

MFN: 02

Responsible Party

Cage: 18660

Name: HEWLETT-PACKARD CO

Address: 11311 CHINDEN BLVD

City: BOISE ID 83714

Info Phone Number: 208-323-2551

Emergency Phone Number: 208-396-6000

Proprietary Ind: Y

Published: Y

Contractor Summary

Cage: 18660

Name: HEWLETT-PACKARD CO BOISE DIV

Address: 11311 CHINDEN BLVD

City: BOISE ID 83714

Phone: 208-396-6000

Cage: 1GRP8

Name: PLUM RESOURCES

Address: 455 STATE PKY

City: SCHAUMBURG IL 60173

Phone: 800-851-7586

Contract Number: SP0450-00-M-SE22

Item Description Information

Item Manager: S9G

Item Name: TONER,DIRECT ELECTROSTATIC PROCESS

Specification Number: NONE

Type/Grade/Class: NONE

Unit of Issue: EA

UI Container Qty: 0

Type of Container: UNKNOWN

Ingredients

Name: \*\*\* PROPRIETARY \*\*\*

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## Health Hazards Data

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LD50 LC50 Mixture: >5,000 MG/KG (RATS)

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYE/SKIN/INGESTION EFFECTS: NONE CURRENTLY KNOWN.

INHALATION EFFECTS: MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR WITH EXPOSURE TO LARGE AMOUNT OF TONER DUST. CHRONIC: PROLONGED INHALATION OF EXCESSIVE DUSTS MAY CAUSE LUNG DAMAGE. THE EFFECT IS ATTRIBUTED TO "LUNG

OVERLOADING", A GENERIC RESPONSE TO EXCESSIVE AMOUNTS OF ANY DUST RETAINED IN THE LUNGS FOR A PROLONGED PERIOD. USE OF THIS PRODUCT AS INTENDED, DOES NOT RESULT IN INHALATION OF EXCESSIVE DUST.

Explanation Of Carcinogenicity: NOT A KNOWN CARCINOGEN. NONE OF THE COMPONENTS IN THIS MATERIAL ARE LISTED BY IARC/NTP/ACGIH AS A CARCINOGEN.

Signs And Symptoms Of Overexposure: RESPIRATORY TRACT IRRITATION.

First Aid: INHALATION: MOVE PERSON TO FRESH AIR IMMEDIATELY. IF SYMPTOMS OCCUR

R,CONSULT A PHYSICIAN.INGESTION: RINSE MOUTH WITH WATER.DRINK ONE TO TWO GLASSES OF WATER. IF SYMPTOMS OCCUR CONSULT PHYSICIAN. CONTACT WITH SKIN: WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER. IF SYMPTOMS OCCUR CONSULT

PHYSICIAN. CONTACT WITH EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF CLEAN LUKEWARM WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES.IF SYMPTOMS OCCUR, CONSULT PHYSICIAN.

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## Handling and Disposal

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Spill Release Procedures: WEAR PERSONAL PROTECTIVE EQUIPMENT AS DESCRIBED IN MSDS.VACUUM OR SWEEP THE MATERIAL INTO A BAG OR OTHER SEALED CONTAINER AND DISPOSE IN ACCORDANCE WITH LOCAL REQUIREMENTS. SWEEP SLOWLY TO MINIMIZE GENERATION OF DUST DURING CLEAN-UP.DO NOT DISCHARGE INTO DRAINS.

Waste Disposal Methods: RECOMMENDATION: CONSULTATION WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES. CLEANSING AGENT IS WATER.

Handling And Storage Precautions:

KEEP MATERIAL OUT OF REACH OF CHILDREN. AVOID INHALATION OF DUST AND CONTACT WITH EYES. KEEP AWAY FROM EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES. KEEP CONTAINER CLOSED AND STORE AT ROOM TEMPERATURE. KEEP AWAY FROM STRONG OXIDIZERS.

Other Precautions: THIS PRODUCT IS A TONER PREPARATION THAT IS USED IN A COLOR LASERJET PRINTER.

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## Fire and Explosion Hazard Information

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Flash P

oint Text: NA  
Autoignition Temp Text: NA  
Lower Limits: 20MG/M3  
Extinguishing Media: WATER SPRAY, DRY CHEMICAL, OR FOAM.  
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. IF FIRE OCCURS IN THE PRINTER,TREAT AS AN ELECTRICAL FIRE---DO NOT EXTINGUISH WITH WATER OR FOAM.  
Unusual Fire/Explosion Hazard: TONER IS A COMBUSTIBLE POWDER. DUSTS AT SUFFICIENT CONCENTRATION CAN FORM AN EXPLOSIVE MIXTURE IN AIR.

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#### Control Measures

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Respiratory Protection: NOT REQUIRED UNDER NORMAL CONDITIONS. IN THE EVENT OF A LARGE SPILL, GOGGLES AND RESPIRATOR MAY BE NECESSARY.  
Protective Gloves: NOT REQUIRED UNDER NORMAL CONDITIONS.  
Eye Protection: GOGGLES IN THE EVENT OF LARGE SPILL.

#### Physical/Chemical Properties

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HCC: N1  
Melt/Freeze Pt: =140.C, 284.F  
M.P/F.P Text: APPROX.  
Spec Gravity: 1.1  
PH: N.A.  
Solubility in Water: INSOLUBLE  
Appearance and Odor: SOLID (POWDER), MAGENTA COLOR, SLIGHT ODOR.

#### Reactivity Data

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Stability Indicator: YES  
Stability Condition To Avoid: THE MATERIAL IS STABLE EXCEPT AT TEMPERATURES ABOVE 200C.  
Materials To Avoid: MATERIAL IS INCOMPATIBLE WITH STRONG OXIDIZERS

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Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, SMOKE.

#### Toxicological Information

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Toxicological Information: ACUTE ORAL TOXICITY: LD50>5000MG/KG (RATS).  
INHALATION: LC 50>660MG/M3/4HRS. (RAT). THIS IS THE ATTAINABLE CONCENTRATION USING AEROSOL GENERATION APPARATUS. EYE IRRITATION: NON-IRRITANT (RABBIT). SKIN IRRITATION: NON-IRRITANT (RABBIT). SKIN  
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ENSITIZATION: NON-SENTIZING (GUINEA PIG). CARCINOGENICITY: NOT A KNOWN  
CARCINOGEN. MUTAGENICITY: NEGATIVE AMES TEST.

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Ecological Information

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Ecological: NO DATA AVAILABLE FOR ECOLOGICAL AND WASTEWATER TREATMENT (SEWAGE)  
SYSTEMS.

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MSDS Transport Information

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Transport Infor  
mation: NOT REGULATED ACCORDING TO ADR/RID/US DOT/ICAO/IATA-DGR.

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Regulatory Information

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State Regulatory Information: CALIFORNIA PROPOSITION 65: NOT REGULATED.

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Other Information

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Transportation Information

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Responsible Party Cage: 18660  
Trans ID NO: 152952  
Product ID: HP C3104A - MAGENTA TONER  
MSDS Prepared Date: 03/30/1999  
Review Date: 06/26/2000  
MFN: 2  
Net Unit Weight: UNKNOWN  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: EA  
Container QTY: 0  
Type Of Container: UNKNOWN  
Additional Data: NOT REGULATED FOR SHIPPING PER MSDS.

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Detail DOT Information

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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ  
IATA Proper Shipping

Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: HP C3104A - MAGENTA TONER

Cage: 18660

Company Name: HEWLETT-PACKARD CO BOISE DIV

Stre

et: 11311 CHINDEN BLVD

City: BOISE ID

Zipcode: 83714

Health Emergency Phone: 208-396-6000

Label Required IND: Y

Date Of Label Review: 06/26/2000

Status Code: A

Year Procured: 2000

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: NO

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: HEALTH EFFECTS: MINIMAL RESPIRATORY TRACT IRRITATION

MAY OCCUR WITH EXPOSURE TO LARGE

AMOUNT OF TONER DUST. TARGET ORGANS: NO DATA

PROVIDED. FIRST AID: INHALATION: MOVE PERSON TO FRESH AIR IMMEDIATELY . IF SYMPTOMS OCCUR,CONSULT A PHYSICIAN.INGESTION: RINSE MOUTH WITH WATER.DRINK ONE TO TWO GLASSES OF WATER. IF SYMPTOMS OCCUR CONSULT PHYSICIAN. CONTACT WITH SKIN: WASH AFFECTED AREAS THOROUGHLY WITH SOAP & WATER. IF SYMPTOMS OCCUR CONSULT PHYSICIAN. CONTACT WITH EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF CLEAN WATER (LOW PRESSURE) FOR AT LEAST 15 MINUTES.IF SYMPTOMS

OCCUR, CONSULT PHYSICIAN.

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