

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
Inf
o 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 ***

=====

=====
Health Hazards Data
=====

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,

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.

=====
Handling and Disposal
=====

=====
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 Precaution

s: 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.

=====
Fire and Explosion Hazard Information
=====

Flash Poin

t 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.

=====

Control Measures

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

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

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.

H

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

Toxicological Information

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 SENS

ITIZATION: NON-SENTIZING (GUINEA PIG). CARCINOGENICITY: NOT A KNOWN
CARCINOGEN. MUTAGENICITY: NEGATIVE AMES TEST.

=====
Ecological Information
=====

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

=====
MSDS Transport Information
=====

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

=====
Regulatory Information
=====

State Regulatory Information: CALIFORNIA PROPOSITION 65: NOT REGULATED.

=====
Other Information
=====

=====
Transportation Information
=====

=====
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.

=====
Detail DOT Information
=====

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

=====
Detail IMO Information
=====

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

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Nam

e: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

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

=====
HAZCOM Label
=====

Product ID: HP C3104A - MAGENTA TONER

Cage: 18660

Company Name: HEWLETT-PACKARD CO BOISE DIV

Street:

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 AMO

UNT 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 SYMPTO

MS

OCCUR, CONSULT PHYSICIAN.

=====
Disclaimer (provided with this information by the compiling agencies): This
information is formulated for use by elements of the Department of Defense.
The United States of America in no manner whatsoever expressly or implied
warrants, states, or intends said information to have any application, use or
viability by or to any person or persons outside the Department of Defense
nor any person or person

s contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.