

MSDS Safety Information

FSC: 7510

NIIN: 01-422-1560

MSDS Date: 08/01/1997

MSDS Num: CJDXP

Product ID: HP 51649A INK CARTRIDGE

MFN: 02

Responsible Party

Cage: 51174

Name: HEWLETT-PACKARD CO

Address: 1000 NE CIRCLE BLVD

City: CORVALLIS OR 97330-4239

Info Phone Number: 208-323-2551

Emergency Phone Number: 800

-457-4209

Proprietary Ind: Y

Review Ind: Y

Published: Y

Contractor Summary

Cage: 51174

Name: HEWLETT-PACKARD COMPANY

Address: 1000 NE CIRCLE BLVD

City: CORVALLIS OR 97330-4239

Phone: 208-323-2551/800-457-4209

Item Description Information

Item Manager: GSA

Item Name: INK,CAR  
TRIDGE

Unit of Issue: EA

UI Container Qty: 0

Ingredients

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

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Effects of Exposure: ACUTE: CONTAINS 4% OR LESS NITRATE EQUIVALENTS.  
ACCID

ENTAL INGESTION OF NITRATES MAY RESULT IN RESPIRATORY DEPRESSION. PRIMARY INDICATORS OF PROLONGED OVEREXPOSURE INCLUDE SHORTNESS OF BREATH, HEADACHES, DIZZINESS AND CYANOSIS (BLUISH SKIN AND LIPS). MAY CAUSE SLIGHT SKIN IRRITATION CHARACTERIZED BY REDNESS AND SWELLING AFTER PROLONGED CONTACT. MAY CAUSE STOMACH UPSET AFTER INGESTION. MAY CAUSE MILD EYE IRRITATION.

First Aid: CALL HEWLETT-PACKARD HEALTHLINE. REMOVE CLOTHING SOAKED WITH LIQUID. INHALATION: NOT APPLICABLE. REMOVE TO FRESH AIR. SWALLOWED: CALL HEWLETT-PACKARD HEALTHLINE. REMOVE TO FRESH AIR. SKIN: WASH OFF IMMEDIATELY WITH SOAP AND WATER. EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF CLEAN, LUKEWARM (LOW PRESSURE) WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ADVICE. INGESTION: CALL MD IMMEDIATELY. CALL HEWLETT-PACKARD HEALTHLINE. NOTES TO MD: SYMPTOMS HAZARDOUS TREATMENT: FREQUENT AND PERSISTENT CONTACT WITH SKIN CAN CAUSE MILD IRRITATION. TREAT SYMPTOMATICALLY FOR NITRITE-RELATED TOXICITY (METHEMOGLOBINEMIA). TECHNICAL LITERATURE INDICATES ADMINISTRATION OF 1-2 MG/KG OF 1% METHYLENE BLUE SLOWLY BY IV IF PATIENT IS CYANOTIC AND (SUPPORT DATA)

SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) (FP N).

SKIN: WASH OFF IMMEDIATELY WITH SOAP AND WATER. EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF CLEAN, LUKEWARM (LOW PRESSURE) WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ADVICE. INGESTION: CALL MD IMMEDIATELY. CALL HEWLETT-PACKARD HEALTHLINE. NOTES TO MD: SYMPTOMS HAZARDOUS TREATMENT: FREQUENT AND PERSISTENT CONTACT WITH SKIN CAN CAUSE MILD IRRITATION. TREAT SYMPTOMATICALLY FOR NITRITE-RELATED TOXICITY (METHEMOGLOBINEMIA). TECHNICAL LITERATURE INDICATES ADMINISTRATION OF 1-2 MG/KG OF 1% METHYLENE BLUE SLOWLY BY IV IF PATIENT IS CYANOTIC AND (SUPPORT DATA)

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#### Handling and Disposal

Spill Release Procedures: SEE CONTROL MEASURES SECTION. ENSURE ADEQUATE VENTILATION. SEE WASTE DISPOSAL METHODS. DO NOT DISCHARGE INTO THE SEWER. CLEAN UP SPILLED LIQUID WITH ABSORBENT MATERIAL. SEND IN SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL.

Waste Disposal Methods: PRODUCT/UNUSED PRODUCT: CONSULT WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES. CONTAMINATED PACKAGING: CONSULT WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES. RECOMMENDED CLEANSING AGENT: WATER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS (FP N).

PRODUCT: CONSULT WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES. CONTAMINATED PACKAGING: CONSULT WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES. RECOMMENDED CLEANSING AGENT: WATER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS (FP N).

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Handling And Storage Precautions: NO SPECIAL MEASURES NECESSARY IF USED CORRECTLY. DO NOT STORE TOGETHER WITH OXIDIZING AGENTS, STRONG REDUCING AGENTS AND EXPLOSIVE SUBSTANCES.

#### Fire and Explosion Hazard Information

Flash Point: >61.C, 141.8F

Extinguishing Media: WATER SPRAY, JET, FOAM, CARBON DIOXIDE, DRY POWDER.

Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS. DO NOT INHALE COMBUSTION GASES. DUE TO SAFETY REASONS, DO NOT USE FULL WATER JET AS AN EXTINGUISHING MEDIA.

Unusual Fire/Explosion Hazard

d: PRODUCES CARBON MONOXIDE, CARBON DIOXIDE, SULFUR  
OXIDES, NITROGEN OXIDES. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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#### Control Measures

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Protective Gloves: USE IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Work Hygienic Practices: AVOID CONTACT OF LIQUID WITH EYES AND SKIN. DO NOT  
INHALE VAPORS. CHANGE CLOTHING SOAKED WITH LIQUID IMMEDIA  
TELY.

Supplemental Safety and Health: FIRST AID PROC: SYMPTOMATIC OR THE  
METHEMOGLOBIN LEVEL IS GREATER THAN 30% IN AN ASYMPTOMATIC PATIENT.  
ADDITIONAL DOSES MAY BE REQUIRED. DO NOT INDUCE VOMITING.

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#### Physical/Chemical Properties

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PH: 6.1-8.1

Solubility in Water: MISCIBLE

Appearance and Odor: YELLOW LIQUID.

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#### Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: IF PRODUCT IS HEATED ABOVE DECOMPOSITION  
TEMPERATURE, TOXIC VAPORS MAY BE RELEASED.

Materials To Avoid: REACTIONS POSSIBLE UPON CONTACT WITH LIQUID THAT CONTAINS  
OXIDIZING AGENTS.

Hazardous Decomposition Products: SULFUR OXIDES, CARBON MONOXIDE, CARBON  
DIOXIDE, NITROGEN OXIDES.

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#### Toxicological Information

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Toxicological Information: TOXICOLOGICAL EXAMINATION: NO TOXICOLOGICAL DATA OF  
THE LIQUID INK FORMULATIONS ARE AVAILABLE. EXPERIENCES MADE IN PRACTICE: MAY  
CAUSE MILD IRRITATION WHEN IN PROLONGED CONTACT WITH SKIN OR EYES. GE NERAL  
REMARKS: THIS PRODUCT CONTAINS DIETHYLENE GLYCOL. SCIENTIFIC LITERATURE  
INDICATES THAT INGESTION OF SOME GLYCOLS CAN PRESENT HEALTH HAZARDS INCLUDING  
CNS AND METABOLIC ABNORMALITIES, RESPIRATOR Y EFFECTS AND KIDNEY DISORDER

TREAT INDIVIDUALS THAT ACCIDENTALLY INGEST INK SYMPTOMATICALLY.

Ecological Information

Ecological: ECOLOGICAL INFORMATION: THIS PRODUCT HAS NOT BEEN TESTED. BEHAVIOR IN SEWAGE PLANTS: THIS PRODUCT HAS NOT BEEN TESTED. CRITICAL HAZARDS TO THE ENVIRONMENT: NO PARTICULAR HAZARDS KNOWN.

MSDS Transport Information

Transport Information: ROAD TRANSPORT ADR/RID/GGVS/GGVE: NOT DANGEROUS GOOD ACCORDING TO THE REGULATIONS ABOVE. MARINE TRANSPORT IMDG-CODE: NOT DANGEROUS GOOD ACCORDING TO THE REGULATIONS ABOVE. AIR TRANSPORT ICAO/IATA/DG R: NOT DANGEROUS GOOD ACCORDING TO THE REGULATIONS ABOVE.

Regulatory Information

Federal Regulatory Information: THIS PRODUCT IS CONSIDERED AN ARTICLE. THIS ARTICLE DOES NOT REQUIRE A HAZARDOUS WARNING LABEL.

Other Information

Other Information: CONTENTS OF SOLVENT: <25%. KEEPING (RESTRICTIONS): N/A. RECOMMENDED USE: INK. DISTRIBUTION TO: INDUSTRY CONSUMER, PRIVATE CONSUMER. TECHNICAL CONTACT POINT: USA/HEWLETT-PACKARD GENERAL INFORMATION , TELEPHONE: INT+1 208 323-2551. EMERGENCY PHONE NUMBER OUTSIDE USA: INT + 1 503 494-7199.

HAZCOM Label

Product ID: HP 51649A INK CARTRIDGE  
Cage: 51174  
Company Name: HEWLETT-PACKARD COMPANY  
Street: 1000 NE CIRCLE BLVD  
City: CORVALLIS OR  
Zipcode: 97330-4239  
Health Emergency Phone: 800-457-4209  
Label Required IND: Y  
Date Of Label Review: 03/04/1999  
Status Code: A  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection

n IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Slight  
Fire Hazard: Moderate  
Reactivity Hazard: None

Hazard And Precautions: ACUTE: CONTAINS 4% OR LESS NITRATE EQUIVALENTS.  
ACCIDENTAL INGESTION OF NITRATES MAY RESULT IN RESPIRATORY DEPRESSION.  
PRIMARY INDICATORS OF PROLONGED OVEREXPOSURE INCLUDE SHORTNESS OF BREATH,  
HEADACHES, DIZZINESS AND CYANOSIS (BLUISH SKIN AND LIPS). MAY CAUSE SLIGHT  
SKIN IRRITATION CHARACTERIZED BY REDNESS AND SWELLING AFTER PROLONGED  
CONTACT. MAY CAUSE STOMACH UPSET AFTER INGESTION. MAY CAUSE MILD EYE  
IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER (FP N).

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