

HEWLETT-PACKARD COMPANY -- HP 51649A INK CARTRIDGE -- 7510-01-422-1560

===== Product Identification =====

Product ID:HP 51649A INK CARTRIDGE

MSDS Date:08/01/1997

FSC:7510

NIIN:01-422-1560

Status Code:A

MSDS Number: CLQNK

=== Responsible Party ===

Company Name:HEWLETT-PACKARD COMPANY

Address:1000 NE CIRCLE BLVD

City:CORVALLIS

State:OR

ZIP:97330-4239

Country:US

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

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTE

R

Chemtrec Ind/Phone:(800)424-9300

CAGE:51174

=== Contractor Identification ===

Company Name:HEWLETT-PACKARD COMPANY

Address:1000 NE CIRCLE BLVD

Box:City:CORVALLIS

State:OR

ZIP:97330-4239

Country:US

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

CAGE:51174

===== Composition/Information on Ingredients =====

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

< Wt:5.

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Ingred Name:TRADE SECRET ORGANIC MATERIALS

< Wt:20.

Ingred

Name:NITRATE EQUIVALENTS

< Wt:4.

Ingred Name:1,5-PENTANEDIOL

CAS:111-29-5

RTECS #:SA0480000

< Wt:10.

Ingred Name:TRADE SECRET COLORANTS

< Wt:5.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:OVEREXPOSURE INCLUDE SHORTNESS OF BREATH, HEADACHES, DIZZINESS AND CYANOSIS (BLUISH SKIN AND LIPS). MAY CAUSE SLIGHT SKIN IRRITATION CHARACTERIZED BY REDNESS AND SWELLING A FTER PROLONGED CONTACT. MAY CAUSE STOMACH UPSET AFTER INGESTION. MAY CAUSE MILD EYE IRRITATION.

===== First Aid Measures =====

First Aid:AFTER CONTACT OF LIQUID WITH SKIN WASH OFF IMMEDIATELY WITH SOAP AND WATER. AFTER CONTACT WITH EYES:AVOID CONTACT OF LIQUID WITH EYES IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF CLEAN LUKE WARM (LOW PRESS URE) WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ADVICE. AFTER INGESTION: OF LIQUID CALL PHYSICI AN IMMEDIATELY.

===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY JET, FOAM, CARBON DIOXIDE, DRY POWDER. Fire Fighting Procedures:CARBON MONOXIDE, CARBON DIOXIDE, SULFUR OXIDES, NITROGEN OXIDES. EMITS TOXIC FUMES UNDER FIRE CONDITIONS. SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS. Unusual Fire/Explosion Hazard:USE BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

===== Accidental Release Measures

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Spill Release Procedures:CLEAN UP SPILLED LIQUID WITH ABSORBENT MATERIAL. SEND IN SUITABLE CONTAINERS FOR RECOVERY OR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE TOGETHER WITH OXIDIZING AGENTS, STRONG REDUCING AGENTS AND EXPLOSIVE SUBSTANCES.

===== Exposure Controls/Personal Protection =====

Protective Gloves:SAFETY GLOVES.
Eye Protection:SAFETY GLASSES.
Work Hygienic Practices:AVOID CONTACT OF LIQUID WITH EYES AND SKIN. DO NOT INHALE VAPORS.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:=61.C, 141.8F
Melt/Freeze Pt:M.P/F.P Text:NONE
Decomp Temp:Decomp Text:NONE
pH:6.1-8.1
Solubility in Water:MISCIBLE
Appearance and Odor:LIQUID INK LIQUID COLOR CYAN, MAGENTA, YELLOW

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
IF PRODUCT IS HEATED ABOVE DECOMPOSITION TEMPERATURE, TOXIC VAPORS MAY BE RELEASED. REACTIONS POSSIBLE UPON CONTACT WITH LIQUID THAT CONTAINS STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:IF PRODUCT IS HEATED ABOVE DECOMPOSITION TEMPERATURE, TOXIC VAPORS MAY BE RELEASED. REACTIONS POSSIBLE UPON CONTACT WITH LIQUID THAT CONTAINS STRONG OXIDIZING AGENTS.
Hazardous Decomposition Products:SULFUR OXIDES, CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

===== Dispo

sal Considerations =====

Waste Disposal Methods:RECOMMENDATION: CONSULTATION WITH THE DISPOSAL AGENCY AND THE RELEVANT AUTHORITIES.

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

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