



1. Product and Company Identification

Material nameC6657 SeriesUse of the preparationInkjet printing

Version # 09

Revision date 03-26-2009
CAS # Mixture

Company identification Hewlett-Packard Company

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Date prepared Mar 26, 2009 MSDS number 266210

2. Hazards Identification

Emergency overview Contact with skin and eyes may result in irritation.

Acute health effects

Any potential hazards are presumed to be due to exposure to the components.

Skin contact 1,5-pentanediol

Contact with skin may result in irritation.

2-pyrrolidone

Contact with skin may result in irritation.

Alkyldiol ethoxylate

Contact with skin may result in severe irritation.

Amino alkyldiol

Contact with skin may result in irritation.

Ammonium nitrate

Contact with skin may result in irritation.

Ethyl alkyldiol

Contact with skin may result in mild irritation.

Metal nitrate # 2

Contact with skin may result in irritation.







Eye contact 1,5-pentanediol

Contact with eyes may result in irritation.

2-pyrrolidone

Contact with eyes may result in irritation.

Alkyldiol ethoxylate

Contact can cause moderate to severe irritation and possible injury to the eyes.

Amino alkyldiol

Contact with eyes may result in irritation.

Ammonium nitrate

Contact with eyes may result in irritation.

Ethyl alkyldiol

Contact with eyes may result in mild irritation.

Metal nitrate # 2

Contact with eyes may result in irritation.

Inhalation 2-pyrrolidone

Inhalation may result in respiratory irritation.

Amino alkyldiol

Inhalation may result in respiratory irritation.

Ammonium nitrate

Inhalation may result in respiratory irritation.

Metal nitrate # 2

Inhalation may result in respiratory irritation.

Ingestion 2-pyrrolidone

Ingestion may result in nausea, vomiting and diarrhea.

Alkyldiol ethoxylate

Ingestion may cause irritation of mouth, throat, nausea, vomiting and diarrhea.

Ammonium nitrate

Contains nitrate salts, may cause methemoglobinemia.

Metal nitrate # 2

Contains nitrate salts, may cause methemoglobinemia.

Substituted phthalocyanine salt # 2

Harmful if swallowed.

Potential health effects

Routes of exposure Potential routes of overexposure to this product are skin and eye contact

Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this

product under normal use conditions.

Complete toxicity data are not available for this specific formulation

Chronic health effects Cyan ink

Substituted phthalocyanine salt: Prolonged ingestion exposure may cause serious damage to

health.

CarcinogenicityNone of the components present in this formulation at concentrations equal to or greater than

0.1% are listed by EU, MAK, IARC, NTP or OSHA.







3.	Composition /	Information	on Ingredients
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Component/Substance	CAS Number	% By Weight
Cyan ink		
Water	7732-18-5	< 80
1,5-pentanediol	111-29-5	< 10
2-pyrrolidone	616-45-5	< 10
Ethyl alkyldiol	Proprietary	< 10
Metal nitrate # 2	Proprietary	< 10
Alkyldiol ethoxylate	Proprietary	< 2.5
Ammonium nitrate	6484-52-2	< 2.5
Substituted phthalocyanine salt # 2	Proprietary	< 2.5
Magenta ink		
Water	7732-18-5	< 80
1,5-pentanediol	111-29-5	< 10
2-pyrrolidone	616-45-5	< 10
Ethyl alkyldiol	Proprietary	< 10
Metal nitrate # 2	Proprietary	< 10
Alkyldiol ethoxylate	Proprietary	< 2.5
Amino alkyldiol	Proprietary	< 2.5
Ammonium nitrate	6484-52-2	< 2.5
Yellow ink		
Water	7732-18-5	< 80
1,5-pentanediol	111-29-5	< 10
2-pyrrolidone	616-45-5	< 10
Ethyl alkyldiol	Proprietary	< 10
Metal nitrate # 2	Proprietary	< 10
Alkyldiol ethoxylate	Proprietary	< 2.5
Ammonium nitrate	6484-52-2	< 2.5
. This pr	k supply contains an aqueous ink formulation oduct has been evaluated using criteria spesunication Standard).	

4. First Aid Measures

First aid procedures

Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for

at least 15 minutes or until particles are removed. If irritation persists get medical attention.

Skin contactWash affected areas thoroughly with mild soap and water. If irritation persists get medical

attention.

Inhalation Move to fresh air. If symptoms persist, get medical attention.

Ingestion If ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

Flash point and method > 200 °F (> 93.3 °C); Pensky-Martens Closed Cup

Hazardous combustion Refer to section 10.

products







Special firefighting procedures None established.

6. Accidental Release Measures

Personal precautions Wear appropriate personal protective equipment.

Do not let product enter drains. Do not flush into surface water or sanitary sewer system. **Environmental precautions**

Other information Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or

other sealed container. Dispose of in compliance with federal, state, and local regulations.

See also section 13 Disposal considerations.

7. Handling and Storage

Handling Avoid contact with skin, eyes and clothing.

Storage Keep out of the reach of children. Keep away from excessive heat or cold.

8. Exposure Controls / Personal Protection

Exposure guidelines Exposure limits have not been established for this product.

Personal protective equipment

General Use personal protective equipment to minimize exposure to skin and eye. Handle in accordance with good industrial hygiene and safety practice. **General hygeine**

considerations

9. Physical & Chemical Properties

Not available. **Appearance**

Color Cyan, magenta, yellow

Odor Not available. Not available. **Odor threshold**

Physical state Liquid.

Not available. **Form** 6.5 - 8.75pН Not available. **Melting point** Not available. Freezing point Not determined **Boiling point**

> 200 °F (> 93.3 °C); Pensky-Martens Closed Cup Flash point

Not determined

Evaporation rate Not determined Not available. **Flammability** Flammability limits in air, Not available.

upper, % by volume

Flammability limits in air,

lower, % by volume

Not determined Vapor pressure > 1 (air = 1.0)Vapor density

1 - 1.2Specific gravity

Relative density Not available.







10. Chemical Stability & Reactivity Information

Chemical stability Stable under recommended storage conditions. Incompatible materials Incompatible with strong bases and oxidizing agents.

Hazardous decomposition

products

Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide,

carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of hazardous

reactions

Will not occur.

11. Toxicological Information

Toxicological information Refer to Section 3 for potential health effects and Section 4 for first aid measures.

12. Ecological Information

Persistence and degradability Not available.

13. Disposal Considerations

Disposal instructions Dispose of in compliance with federal, state, and local regulations.

HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine

if this service is available in your location, please visit http://www.hp.com/recycle.

14. Transport Information

IATA

Proper shipping name Not applicable **Hazard class** Not applicable

UN number None N/A Packing group Packaging exceptions None None Packaging non bulk Labels required None

General Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.

15. Regulatory Information

US TSCA 12(b): Does not contain listed chemicals. US federal regulations

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

Ammonium nitrate (6484-52-2) Metal nitrate # 2 (Proprietary) 1.0 % N511

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

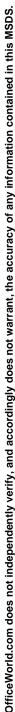
Metal nitrate # 2 (Proprietary) N511 Listed.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)







International regulations

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

State regulations

US - New Jersey Community RTK (EHS Survey): Listed substance

Ammonium nitrate (6484-52-2)

Metal nitrate # 2 (Proprietary)

Substance no. 3722

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Ammonium nitrate (6484-52-2) 500 LBS
Metal nitrate # 2 (Proprietary) 500 LBS
US - Pennsylvania RTK - Hazardous Substances: Listed substance

2-pyrrolidone (616-45-5)

Ammonium nitrate (6484-52-2)

Metal nitrate # 2 (Proprietary)

Listed.

16. Other Information

HMIS® ratings Health: 1

Flammability: 1 Physical hazard: 0

NFPA ratings Health: 1

Flammability: 1

Instability: 0

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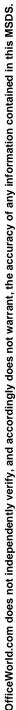
Replaces sheet dated Feb 5 2009 10:12AM

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Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in

Section 1 above and may not meet regulatory requirements in other countries.







Explanation of abbreviations

ACGIH American Conference of Governmental Industrial Hygienists

CAS Chemical Abstracts Service

CERCLA Comprehensive Environmental Response Compensation and Liability Act

CFR Code of Federal Regulations

COC Cleveland Open Cup

DOT Department of Transportation

EPCRA Emergency Planning and Community Right-to-Know Act (aka SARA)

IARC International Agency for Research on Cancer

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

RCRA Resource Conservation and Recovery Act

REC Recommended

REL Recommended Exposure Limit

SARA Superfund Amendments and Reauthorization Act of 1986

STEL Short-Term Exposure Limit

TCLP Toxicity Characteristics Leaching Procedure

TLV Threshold Limit Value

TSCA Toxic Substances Control Act
VOC Volatile Organic Compounds

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