1. Product and Company Identification

<table>
<thead>
<tr>
<th>Identification of the preparation</th>
<th>C6657 Series[C]</th>
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<tbody>
<tr>
<td>Product use</td>
<td>Inkjet printing</td>
</tr>
<tr>
<td>Version #</td>
<td>04</td>
</tr>
<tr>
<td>Revision date</td>
<td>05-Feb-2013</td>
</tr>
<tr>
<td>CAS #</td>
<td>Mixture</td>
</tr>
<tr>
<td>Company identification</td>
<td>Hewlett-Packard Company</td>
</tr>
<tr>
<td></td>
<td>3000 Hanover Street</td>
</tr>
<tr>
<td></td>
<td>Palo Alto, CA 94304-1185</td>
</tr>
<tr>
<td></td>
<td>United States</td>
</tr>
<tr>
<td></td>
<td>Telephone 650-857-1501</td>
</tr>
<tr>
<td>Hewlett-Packard health effects line</td>
<td>(Toll-free within the US) 1-800-457-4209</td>
</tr>
<tr>
<td></td>
<td>(Direct) 1-503-494-7199</td>
</tr>
<tr>
<td>HP Customer Care Line</td>
<td>(Toll-free within the US) 1-800-474-6836</td>
</tr>
<tr>
<td></td>
<td>(Direct) 1-208-323-2551</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:hpcustomer.inquiries@hp.com">hpcustomer.inquiries@hp.com</a></td>
</tr>
</tbody>
</table>

2. Hazards Identification

Emergency overview

Contact with skin and eyes may result in irritation.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  

Causes skin 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.

*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.

*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.

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.

Carcinogenicity
None 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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Ammonium nitrate</td>
<td>6484-52-2</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>1,5-pentanediol</td>
<td>111-29-5</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>2-pyrrolidone</td>
<td>616-45-5</td>
<td>&lt; 7.5</td>
</tr>
<tr>
<td>Alkyldiol ethoxylate</td>
<td>Proprietary</td>
<td></td>
</tr>
<tr>
<td>Ethyl alkyldiol</td>
<td>Proprietary</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Metal nitrate # 2</td>
<td>Proprietary</td>
<td>&lt; 7.5</td>
</tr>
<tr>
<td>Substituted phthalocyanine salt # 2</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 60</td>
</tr>
</tbody>
</table>

Composition comments
This ink supply contains an aqueous ink formulation.
This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication 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 contact
Wash 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.

General advice
No additional information
5. Fire Fighting Measures
Flammable properties: None known.
Extinguishing media:
- Suitable extinguishing media: For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide. For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray.
- Unsuitable extinguishing media: None known.
Specific methods: None established.
Hazardous combustion products: Refer to section 10.

6. Accidental Release Measures
Personal precautions: Wear appropriate personal protective equipment.
Environmental precautions: Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
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.
Engineering controls: Use in a well ventilated area.
Personal protective equipment:
- General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.
- General: Use personal protective equipment to minimize exposure to skin and eye.

9. Physical & Chemical Properties
Appearance: Not available.
Color: Cyan
Odor: Not available.
Odor threshold: Not available.
Physical state: Liquid
Form: Not available.
pH: 6.5
Melting point: Not available.
Freezing point: Not available.
Boiling point: Not determined
Flash point: 200 °F (93.3 °C) Pensky-Martens Closed Cup
Evaporation rate: Not determined
Flammability limits in air, upper, % by volume: Not available.
Flammability limits in air, lower, % by volume: Not determined
Vapor pressure: Not available.
Vapor density: Not available.
Specific gravity: 1.1
Relative density: Not available.
Solubility (water): Soluble in water
Auto-ignition temperature: Not available.
Decomposition temperature: 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 2 for potential health effects and Section 4 for first aid measures.
- **Serious eye damage/eye irritation**: Not available.
- **Further information**: This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological Information

- **Aquatic toxicity**: LC50/96h/Fathead minnows =< 400 mg/L
- **Persistence and degradability**: Not available.

13. Disposal Considerations

- **Disposal instructions**: Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental 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

- **Further information**: Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
- **DOT**: Not regulated as dangerous goods.
- **IATA**: Not regulated as dangerous goods.
- **IMDG**: Not regulated as dangerous goods.
- **RID**: Not regulated as dangerous goods.

15. Regulatory Information

- **US federal regulations**: US TSCA 12(b): Does not contain listed chemicals.
- **DEA Exempt Chemical Mixtures Code Number**: Not regulated.
- **Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**: Not regulated.
- **Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**: Not listed.
- **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**: Not regulated.

**CERCLA (Superfund) reportable quantity**: None
Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200
hazardous chemical
No
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No
Section 302 extremely hazardous substance
No
Section 311 hazardous chemical
No
State regulations
US - New Jersey RTK - Substances: Listed substance
Ammonium nitrate (CAS 6484-52-2) Listed.
US. Massachusetts RTK - Substance List
2-pyrrolidone (CAS 616-45-5)
Ammonium nitrate (CAS 6484-52-2)
US. New Jersey Worker and Community Right-to-Know Act
Not regulated.
US. Pennsylvania RTK - Hazardous Substances
2-pyrrolidone (CAS 616-45-5) Listed.
Ammonium nitrate (CAS 6484-52-2) Listed.
US. Rhode Island RTK
Ammonium nitrate (CAS 6484-52-2)
Regulatory information
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.
Other information
VOC content (less water, less exempt compounds) = <1120 g/L (U.S. requirement, not for emissions)
VOC data based on formulation (Organic compounds minus solids)

16. Other Information
Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
HMIS® ratings
Health: 1
Flammability: 1
Physical hazard: 0
NFPA ratings
Health: 1
Flammability: 1
Instability: 0
Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard 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.
Issue date
05-Feb-2013
This data sheet contains changes from the previous version in section(s):
14. Transport Information: Further information
Manufacturer information
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
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<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
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<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
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<td>COC</td>
<td>Cleveland Open Cup</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act (aka SARA)</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
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<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>REC</td>
<td>Recommended</td>
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<td>REL</td>
<td>Recommended Exposure Limit</td>
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<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
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<td>STEL</td>
<td>Short-Term Exposure Limit</td>
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<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
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<td>TLV</td>
<td>Threshold Limit Value</td>
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<td>TSCA</td>
<td>Toxic Substances Control Act</td>
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<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
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1. Product and Company Identification

Identification of the preparation: C6657 Series[M]
Product use: Inkjet printing
Version #: 05
Revision date: 07-Feb-2013
CAS #: Mixture

Company identification: Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-1501

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-503-494-7199
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Emergency overview: Contact with skin and eyes may result in irritation.
Causes skin 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.
### Potential health effects

**Routes of exposure**

- **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.

### Carcinogenicity

None 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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<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Percent</th>
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<tr>
<td>1,5-pentanediol</td>
<td>111-29-5</td>
<td>&lt; 10</td>
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<tr>
<td>2-pyrrolidone</td>
<td>616-45-5</td>
<td>&lt; 7.5</td>
</tr>
<tr>
<td>Alkyldiol ethoxylate</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Amino alkyldiol</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Ammonium nitrate</td>
<td>6484-52-2</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Ethyl alkyldiol</td>
<td>Proprietary</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Metal nitrate # 2</td>
<td>Proprietary</td>
<td>&lt; 7.5</td>
</tr>
<tr>
<td>Substituted napthalenesulfonate salt #8</td>
<td>Proprietary</td>
<td>&lt; 5</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 60</td>
</tr>
</tbody>
</table>
### 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 contact**
Wash 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.

**General advice**
No additional information

### 5. Fire Fighting Measures

**Flammable properties**
None known.

**Extinguishing media**

**Suitable extinguishing media**
For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide.
For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray.

**Unsuitable extinguishing media**
None known.

**Specific methods**
None established.

**Hazardous combustion products**
Refer to section 10.

### 6. Accidental Release Measures

**Personal precautions**
Wear appropriate personal protective equipment.

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

**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.

**Engineering controls**
Use in a well ventilated area.

**Personal protective equipment**

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice.

**General**
Use personal protective equipment to minimize exposure to skin and eye.

### 9. Physical & Chemical Properties

**Appearance**
Not available.

**Color**
Magenta

**Odor**
Not available.

**Odor threshold**
Not available.

**Physical state**
Liquid

**Form**
Not available.

**pH**
6.5

**Melting point**
Not available.

**Freezing point**
Not available.

**Boiling point**
Not determined

**Flash point**
200 °F (93.3 °C) Pensky-Martens Closed Cup
Evaporation rate: Not determined
Flammability limits in air, upper, % by volume: Not available.
Flammability limits in air, lower, % by volume: Not determined
Vapor pressure: Not determined
Vapor density: Not available.
Specific gravity: 1.1
Relative density: Not available.
Solubility (water): Soluble in water
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: 2 cp
VOC: < 349 g/l
Other information: For other VOC regulatory data/information see section 15.

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 2 for potential health effects and Section 4 for first aid measures.
Serious eye damage/eye irritation: Not available.
Further information: This ink formulation has not been tested for toxicological effects. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological Information
Aquatic toxicity: LC50/96h/Fathead minnows =< 400 mg/L
Persistence and degradability: Not available.

13. Disposal Considerations
Disposal instructions: Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental 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
Further information: Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
RID: Not regulated as dangerous goods.

15. Regulatory Information
US federal regulations: US TSCA 12(b): Does not contain listed chemicals.
DEA Exempt Chemical Mixtures Code Number
Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2)) and Chemical Code Number
Not listed.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA (Superfund) reportable quantity
None

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
No

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
No

State regulations
US - New Jersey RTK - Substances: Listed substance
Ammonium nitrate (CAS 6484-52-2) Listed.

US. Massachusetts RTK - Substance List
2-pyrrolidone (CAS 616-45-5)
Ammonium nitrate (CAS 6484-52-2)

US. New Jersey Worker and Community Right-to-Know Act
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
2-pyrrolidone (CAS 616-45-5) Listed.
Ammonium nitrate (CAS 6484-52-2) Listed.

US. Rhode Island RTK
Ammonium nitrate (CAS 6484-52-2)

Regulatory information
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.

Other information
VOC content (less water, less exempt compounds) = <1110 g/L (U.S. requirement, not for emissions)
VOC data based on formulation (Organic compounds minus solids)

16. Other Information
Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

HMIS® ratings
Health: 1
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 1
Flammability: 1
Instability: 0
Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard 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.

Issue date
07-Feb-2013

Manufacturer information
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209

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