



# Material Safety Data Sheet

## 1. Product and Company Identification

**Material name** 510-000018  
**Use of the preparation** Inkjet printing  
**Version #** 01  
**Revision date** 10-Jul-2009  
**Synonym(s)** HP Scitex PT20  
**Company identification** Hewlett-Packard Company  
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**Date prepared** Jul 10, 2009  
**MSDS number** 470126

## 2. Hazards Identification

Not available.

## 3. Composition / Information on Ingredients

| Component/substance         | CAS number | % by weight |
|-----------------------------|------------|-------------|
| Water                       | 7732-18-5  | > 80        |
| Calcium Acetate             | 62-54-4    | < 7.5       |
| 2-Amino-2-methyl-1-propanol | 124-68-5   | < 5         |
| Methyl (S)-(-)-lactate      | 27871-49-4 | < 2.5       |

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eye(s) with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. 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 the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

## 5. Fire Fighting Measures

**Flash point and method** > 212 °F (> 100 °C)

**Flammable properties** None known.

**Extinguishing media**

**Suitable extinguishing media** CO<sub>2</sub>, water, dry chemical, or foam

**Unusual fire and explosion hazard** None known.



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## 6. Accidental Release Measures

|                                  |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Wear appropriate personal protective equipment.  |
| <b>Environmental precautions</b> | Do not let product enter drains. Do not flush into surface water or sanitary sewer system. |
| <b>Methods for cleaning up</b>   | Dilute with water. Soak up with inert absorbent material.                                  |

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## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Avoid contact with skin, eyes and clothing. Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. Wash thoroughly after handling. |
| <b>Storage</b>  | Keep in a cool, well-ventilated place. Store in a closed container away from incompatible materials.  |

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## 8. Exposure Controls / Personal Protection

|                                       |   |
|---------------------------------------|---|
| <b>Exposure guidelines</b>            | Exposure limits have not been established for this product.                           |
| <b>Personal protective equipment</b>  |   |
| <b>General</b>                        | Avoid contact with the skin and the eyes. Launder contaminated clothing before reuse. |
| <b>Eye / face protection</b>          | Wear safety glasses; chemical goggles (if splashing is possible).                     |
| <b>Skin protection</b>                | Wear suitable protective clothing.  |
| <b>General hygiene considerations</b> | Keep away from food and drink.  |

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## 9. Physical & Chemical Properties

|   |   |
|---|---|
| <b>Odor threshold</b>                                 | Not available.  |
| <b>Physical state</b>                                 | Not available.  |
| <b>pH</b>   | Not available.  |
| <b>Melting point</b>                                  | Not available.  |
| <b>Freezing point</b>                                 | Not available.  |
| <b>Boiling point</b>                                  | < 212 °F (< 100 °C)   |
| <b>Flash point</b>                                    | > 212 °F (> 100 °C)   |
| <b>Evaporation rate</b>                               | Not available.  |
| <b>Flammability</b>                                   | Not available.  |
| <b>Flammability limits in air, upper, % by volume</b> | Not available.  |
| <b>Flammability limits in air, lower, % by volume</b> | Not available.  |
| <b>Vapor pressure</b>                                 | < 31 hPa @ 25°C   |
| <b>Vapor density</b>                                  | Not available.  |
| <b>Specific gravity</b>                               | Not available.  |
| <b>Relative density</b>                               | Not available.  |
| <b>Solubility (water)</b>                             | Not available.  |
| <b>Partition coefficient (n-octanol/water)</b>        | Not available.  |
| <b>Auto-ignition temperature</b>                      | Not available.  |
| <b>Decomposition temperature</b>                      | Not available.  |
| <b>VOC</b>  | < 65 g/L  |
| <b>Other information</b>                              | VOC content (less water, less exempt compounds) = < 478 g/L (U.S. requirement, not for emissions) |

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## 10. Chemical Stability & Reactivity Information

|                           |   |
|---------------------------|---|
| <b>Chemical stability</b> | Stable under normal storage conditions. |
|---------------------------|---|



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**Conditions to avoid** None known.  
**Possibility of hazardous reactions** Will not occur.

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## 11. Toxicological Information

Not available.

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## 12. Ecological Information

**Ecotoxicity** No information available.  
**Persistence and degradability** Not available.

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## 13. Disposal Considerations

**Disposal instructions** Do not dispose of together with general office waste.  
Do not allow this material to drain into sewers/water supplies.  
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.  
Ensure collection and disposal with an appropriately licensed waste contractor.

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## 14. Transport Information

### Department of Transportation (DOT) Requirements

Not regulated as hazardous goods.

### IATA

Not regulated as hazardous goods.

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## 15. Regulatory Information

**US federal regulations** US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

### CERCLA (Superfund) reportable quantity

None

### 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

**International regulations** Notified according to EU Regulations.

### State regulations

**US - Pennsylvania RTK - Hazardous Substances: Listed substance**

2-Amino-2-methyl-1-propanol (124-68-5) Listed.

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## 16. Other Information

**HMSI® ratings** Health: 1  
Flammability: 0  
Physical hazard: 0

**NFPA ratings** Health: 1  
Flammability: 0  
Instability: 0

**Issue date** Jul 10 2009 3:17AM

**Revision** 1



# Material Safety Data Sheet

**Manufacturer information**

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**Other information**

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

**Disclaimer**

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**Explanation of abbreviations**

|               |   |
|---------------|---|
| <b>ACGIH</b>  | American Conference of Governmental Industrial Hygienists           |
| <b>CAS</b>    | Chemical Abstracts Service  |
| <b>CERCLA</b> | Comprehensive Environmental Response Compensation and Liability Act |
| <b>CFR</b>    | Code of Federal Regulations   |
| <b>COC</b>    | Cleveland Open Cup  |
| <b>DOT</b>    | Department of Transportation  |
| <b>EPCRA</b>  | Emergency Planning and Community Right-to-Know Act (aka SARA)       |
| <b>IARC</b>   | International Agency for Research on Cancer                         |
| <b>NIOSH</b>  | National Institute for Occupational Safety and Health               |
| <b>NTP</b>    | National Toxicology Program   |
| <b>OSHA</b>   | Occupational Safety and Health Administration                       |
| <b>PEL</b>    | Permissible Exposure Limit  |
| <b>RCRA</b>   | Resource Conservation and Recovery Act                              |
| <b>REC</b>    | Recommended   |
| <b>REL</b>    | Recommended Exposure Limit  |
| <b>SARA</b>   | Superfund Amendments and Reauthorization Act of 1986                |
| <b>STEL</b>   | Short-Term Exposure Limit   |
| <b>TCLP</b>   | Toxicity Characteristics Leaching Procedure                         |
| <b>TLV</b>    | Threshold Limit Value   |
| <b>TSCA</b>   | Toxic Substances Control Act  |
| <b>VOC</b>    | Volatile Organic Compounds  |