# 1. Identification

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<th>CP778B</th>
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<td>Other means of identification</td>
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<tr>
<td>Synonyms</td>
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<td>Recommended use</td>
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<td>Recommended restrictions</td>
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<tr>
<td>Company identification</td>
<td>HP</td>
</tr>
<tr>
<td></td>
<td>1501 Page Mill Road</td>
</tr>
<tr>
<td></td>
<td>Palo Alto, CA 94304-1112</td>
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<tr>
<td></td>
<td>United States</td>
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<tr>
<td></td>
<td>Telephone 650-857-5020</td>
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<tr>
<td></td>
<td>HP health effects line</td>
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<tr>
<td></td>
<td>(Toll-free within the US) 1-800-457-4209</td>
</tr>
<tr>
<td></td>
<td>(Direct) 1-760-710-0048</td>
</tr>
<tr>
<td></td>
<td>HP Customer Care Line</td>
</tr>
<tr>
<td></td>
<td>(Toll-free within the US) 1-800-474-6836</td>
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<tr>
<td></td>
<td>(Direct) 1-208-323-2551</td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:hpcustomer.inquiries@hp.com">hpcustomer.inquiries@hp.com</a></td>
</tr>
</tbody>
</table>

# 2. Hazard(s) identification

## Physical hazards
- Not classified.

## Health hazards
- **Skin corrosion/irritation**: Category 2
- **Serious eye damage/eye irritation**: Category 1
- **Sensitization, skin**: Category 1
- **Reproductive toxicity**: Category 2
- **Specific target organ toxicity, single exposure**: Category 3 respiratory tract irritation
- **Specific target organ toxicity, repeated exposure**: Category 1

## Environmental hazards
- Hazardous to the aquatic environment, long-term hazard: Category 2

## OSHA defined hazards
- Not classified.

## Label elements

- **Signal word**: Danger
- **Hazard statement**: Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Suspected of damaging fertility. May cause respiratory irritation. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

## Precautionary statement

- **Prevention**
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
  - P271 - Use only outdoors or in a well-ventilated area.
  - P202 - Do not handle until all safety precautions have been read and understood.
  - P201 - Obtain special instructions before use.
  - P270 - Do not eat, drink or smoke when using this product.
  - P264 - Wash hands thoroughly after handling.
  - P273 - Avoid release to the environment.
Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313 - IF exposed or concerned: Get medical attention/advice.
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.
P362 - Take off contaminated clothing and wash before reuse.

Storage

P405 - Store locked up.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

Disposal

Disposal of contents/container in accordance with local/regional/national/international regulations.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

| Chemical name                        | Common name and synonyms | CAS number    | % |
|--------------------------------------|--------------------------|---------------|
| Acrylic acid ester                   |                          | 48145-04-6    | <30 |
| Acrylate ester                       |                          | 5888-33-5     | <25 |
| Vinyl caprolactam (VCAP)             |                          | 2235-00-9     | <20 |
| Octyl decyl acrylate                 |                          | Proprietary   | <7.5|
| Diphenyl (2,4,6 - trimethylbenzoyl) phosphine |              | 75980-60-8    | <5  |
| Urethane acrylate oligomer A         |                          | Proprietary   | <5  |
| Urethane acrylate oligomer B         |                          | Proprietary   | <5  |
| Acrylated oligoamine resin           |                          | Proprietary   | <2.5|
| Glycerol, propoxylated, esters with acryl acid |              | 52408-84-1    | <1  |

4. First-aid measures

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

Skin contact
Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

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.

Ingestion
If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed
Not available.

5. Fire-fighting measures

Suitable extinguishing media
Dry powder. Carbon dioxide (CO2). Water may be ineffective.

Unsuitable extinguishing media
Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical
Not applicable.

Special protective equipment and precautions for firefighters
Not available.
Avoid runoff into storm sewers and ditches which lead to waterways.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**Methods and materials for containment and cleaning up**

Not available.

**Environmental precautions**

Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

7. Handling and storage

**Precautions for safe handling**

Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities**

Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure controls/personal protection

**Occupational exposure limits**

No exposure limits noted for ingredient(s).

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Exposure guidelines**

Exposure limits have not been established for this product.

**Appropriate engineering controls**

Not available.

**Individual protection measures, such as personal protective equipment**

- **Eye/face protection**
  Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

- **Skin protection**
  Wear appropriate chemical resistant gloves.

- **Hand protection**
  Wear appropriate chemical resistant clothing.

- **Respiratory protection**
  Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

- **Thermal hazards**
  Not available.

**General hygiene considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink.

9. Physical and chemical properties

**Appearance**

- **Physical state**
  Liquid.

- **Color**
  Magenta

- **Odor**
  Characteristic.

- **Odor threshold**
  Not available.

- **pH**
  Not available.

- **Melting point/freezing point**
  Not available.

- **Initial boiling point and boiling range**
  Not available.

- **Flash point**
  235.4 °F (113.0 °C) Closed Cup

- **Evaporation rate**
  Not available.

- **Flammability (solid, gas)**
  Not available.

- **Upper/lower flammability or explosive limits**

  - **Flammability limit - lower (%)**
    Not available.

  - **Flammability limit - upper (%)**
    Not available.
Explosive limit - lower (%): Not available.
Explosive limit - upper (%): Not available.
Vapor pressure: Not available.
Solubility(ies)
  Solubility (water): Not available.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.
Other information: For other VOC regulatory data/information see Section 15.
VOC (Weight %): 19 g/L Method 24/ASTM D5403-93

10. Stability and reactivity
Reactivity: Not available.
Chemical stability: Stable under normal storage conditions.
Possibility of hazardous reactions: Hazardous polymerization can occur with decreased inhibitor content.
Conditions to avoid: Exposure to sunlight.
Incompatible materials: Incompatible with strong bases and oxidizing agents. alkaline metals
Hazardous decomposition products: Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information
Symptoms related to the physical, chemical and toxicological characteristics: Not available.
Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/eye irritation: Causes serious eye damage.
Respiratory or skin sensitization
  Respiratory sensitization: Based on available data, the classification criteria are not met.
  Skin sensitization: May cause sensitization by skin contact.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Suspected of damaging fertility.
Specific target organ toxicity - single exposure: May cause irritation to the respiratory system.
Specific target organ toxicity - repeated exposure: Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
Aspiration hazard: Based on available data, the classification criteria are not met.
Further information: Complete toxicity data are not available for this specific formulation.

12. Ecological information
Aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product has not been tested for ecological effects.
Persistency and degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil: Not available.
Other adverse effects: Not available.
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.

14. Transport information

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**DOT supplemental information**
DOT Classification only applies to shipments within the US and Puerto Rico.

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</table>

**DOT; IATA; IMDG**
15. Regulatory information

**US federal regulations**

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

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

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

Hazard categories
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312 Hazardous chemical
No

**Other federal regulations**

Safe Drinking Water Act (SDWA)
Not regulated.

**US state regulations**

US. Massachusetts RTK - Substance List
Not regulated.

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

US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.

US. Rhode Island RTK
Not regulated.

US. California Proposition 65
Not Listed.
Other information
VOC content (less water, less exempt compounds) = 19 g/L (U.S. requirement, not for emissions)
US EPA Method 24

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.

16. Other information, including date of preparation or last revision

Issue date 30-Apr-2014
Revision date 10-Aug-2015
Version # 07

Disclaimer
This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.

Revision Information
Other information, including date of preparation or last revision: Disclaimer

Manufacturer information
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Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628

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