1. Identification

Product identifier          HP LaserJet C4092A Print Cartridge
Other means of identification Not available.
Recommended use            This product is a toner preparation that is used in HP LaserJet 1100/1100A/3200/3220M series printers.
Recommended restrictions   None known.
Company identification      HP
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020
HP health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards            Not classified.
Health hazards              Not classified.
Environmental hazards       Not classified.
OSHA defined hazards        Not classified.
Label elements              None.
Hazard symbol               None.
Signal word                 None.
Hazard statement            Not available.
Precautionary statement     Not available.
Prevention                  Not available.
Response                    Not available.
Storage                     Not available.
Disposal                    Not available.

Hazard(s) not otherwise classified (HNOC) None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

Supplemental information    This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron oxide</td>
<td>Iron oxide</td>
<td>1317-61-9</td>
<td>&lt;50</td>
</tr>
<tr>
<td>Styrene acrylate copolymer</td>
<td>Trade Secret</td>
<td></td>
<td>&lt;50</td>
</tr>
</tbody>
</table>

4. First-aid measures

Inhalation               Move person to fresh air immediately. If irritation persists, consult a physician.
Skin contact             Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
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, consult a physician.

Ingestion
Rinse mouth out with water. Drink one to two glasses of water. If symptoms occur, consult a physician.

5. Fire-fighting measures

- **Suitable extinguishing media**: CO2, water, or dry chemical
- **Unsuitable extinguishing media**: None known.
- **Specific hazards arising from the chemical**: Not applicable.
- **Special protective equipment and precautions for firefighters**: Not available.
- **Fire-fighting equipment/instructions**: If fire occurs in the printer, treat as an electrical fire.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**: Minimize dust generation and accumulation.
- **Methods and materials for containment and cleaning up**: Not available.
- **Environmental precautions**: Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

7. Handling and storage

- **Precautions for safe handling**: Keep out of the reach of children. Avoid inhalation of dust and contact with skin and eyes. Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.
- **Conditions for safe storage, including any incompatibilities**: Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.

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**:
  - USA OSHA (TWA/PEL): 15 mg/m3 (Total Dust), 5 mg/m3 (Respirable Fraction)
  - ACGIH (TWA/TLV): 10 mg/m3 (Inhalable Particulate), 3 mg/m3 (Respirable Particulate)
  - TRGS 900 (Luftgrenzwert) - 10 mg/m3 (Einatembare partikel), 3 mg/m3 (Alveolengängige fraktion)
  - UK WEL: 10 mg/m3 (Respirable Dust), 5 mg/m3 (Inhalable Dust)
- **Appropriate engineering controls**: Use in a well ventilated area.
- **Individual protection measures, such as personal protective equipment**
  - **Eye/face protection**: Not available.
  - **Skin protection**
    - **Hand protection**: Not available.
    - **Other**: Not available.
  - **Respiratory protection**: Not available.
  - **Thermal hazards**: Not available.

9. Physical and chemical properties

- **Appearance**: Fine powder
Physical state: Solid.
Color: Black.
Odor: Slight plastic odor
Odor threshold: Not available.

pH: Not applicable
Melting point/freezing point: Not available.
Initial boiling point and boiling range: Not applicable
Flash point: Not applicable
Evaporation rate: Not applicable
Flammability (solid, gas): Not available.
Upper/lower flammability or explosive limits:
- Flammability limit - lower (%): Not flammable
- Flammability limit - upper (%): Not available.
- Explosive limit - lower (%): Not available.
- Explosive limit - upper (%): Not available.

Vapor pressure: Not applicable
Solubility(ies):
- Solubility (water): Negligible in water. Partially soluble in toluene and xylene.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not applicable
Decomposition temperature: > 392 °F (> 200 °C)
Viscosity: Not applicable
Other information:
- Percent volatile: 0 % estimated
- Softening point: 212 - 302 °F (100 - 150 °C)
- Specific gravity: 1.4 - 1.8

10. Stability and reactivity
Reactivity: Not available.
Chemical stability: Stable under normal storage conditions.
Possibility of hazardous reactions: Will not occur.
Conditions to avoid: Imaging Drum: Exposure to light
Incompatible materials: Strong oxidizers
Hazardous decomposition products: Carbon monoxide and carbon dioxide.

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: Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitization

Respiratory sensitization  Based on available data, the classification criteria are not met.

Skin sensitization  Based on available data, the classification criteria are not met.

Germ cell mutagenicity  Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium) Based on available data, the classification criteria are not met.

Carcinogenicity  Based on available data, the classification criteria are not met.

Reproductive toxicity  Based on available data, the classification criteria are not met.

Specific target organ toxicity  - single exposure  Based on available data, the classification criteria are not met.

Specific target organ toxicity  - repeated exposure  Based on available data, the classification criteria are not met.

Aspiration hazard  Based on available data, the classification criteria are not met.

Further information  Complete toxicity data are not available for this specific formulation. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C4092A</td>
<td>Aquatic Fish</td>
<td>Rainbow Trout &gt; 1000 mg/l, 96 Hours</td>
</tr>
</tbody>
</table>

Persistence 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 shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. 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

DOT  Not regulated as dangerous goods.

IATA

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN2807</td>
<td>Magnetized Materials</td>
<td></td>
</tr>
</tbody>
</table>

Class  Not available.

Subsidiary risk  -

Packing group  Not available.

Environmental hazards  No.

Special precautions for user  Not available.

IMDG  Not regulated as dangerous goods.

ADR  Not regulated as dangerous goods.

Further information  73 or more of these cartridges shipped together in a single package (e.g., box, container), by air, are regulated as a magnetized material. These requirements do not apply to single or dual pack cartridges contained in an original HP package and shrink wrapped on a pallet for shipment by air.
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 - No
Delayed Hazard - No
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.

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 16-Apr-2015
Revision date 17-Aug-2015
Version # 03

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

HP
11311 Chinden Boulevard
Boise, ID 83714 USA
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209

Material name: C4092A
9223 Version #: 03 Revision date: 17-Aug-2015 Issue date: 16-Apr-2015

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<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</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>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
</tbody>
</table>