SAFETY DATA SHEET

1. Identification

Product identifier: B3F28Series

Other means of identification:

- Synonyms: HP 4041 Cyan
- Recommended use: Not available.
- Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information:

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone: 650-857-1501

HP Inc. health effects line:

- Toll-free within the US: 1-800-457-4209
- Direct: 1-760-710-0048

HP Inc. 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:

- Serious eye damage/eye irritation: Category 2A
- Specific target organ toxicity, repeated exposure: Category 2

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements:

Signal word: Warning

Hazard statement: Causes serious eye irritation. May cause damage to organs (kidney) through prolonged or repeated exposure.

Precautionary statement:


Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical attention/advice if you feel unwell.

Storage: Not available.

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

Hazard(s) not otherwise classified (HNOC):

- 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.
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>Water</td>
<td></td>
<td>7732-18-5</td>
<td>&lt;70</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td></td>
<td>107-21-1</td>
<td>&lt;20</td>
</tr>
<tr>
<td>Blue dye*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;10</td>
</tr>
<tr>
<td>Lactam*</td>
<td>Proprietary*</td>
<td></td>
<td>&lt;10</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

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

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 get medical attention.

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

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

5. Fire-fighting measures

Suitable extinguishing media
Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media
None known.

Specific hazards arising from the chemical
None known.

Special protective equipment and precautions for firefighters
None established.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear appropriate personal protective equipment.

Methods and materials for containment and cleaning up
Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

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

7. Handling and storage

Precautions for safe handling
Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities
Keep out of the reach of children. Keep away from excessive heat or cold.

8. Exposure controls/personal protection

Occupational exposure limits
This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

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
Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection
Not available.

Skin protection
Recommended gloves: Nitrile 4 mil minimum thickness.
9. Physical and chemical properties

**Appearance**
- **Physical state**: Not available.
- **Form**: Liquid.
- **Color**: Cyan

**Odor**
- Not available.

**Odor threshold**
- Not available.

**pH**
- 9 - 11

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

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

**Flash point**
- > 212.0 °F (> 100.0 °C) Closed Cup

**Evaporation rate**
- Not determined

**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 determined

**Vapor density**
- Not available.

**Solubility(ies)**
- **Solubility (water)**: Soluble in water

**Partition coefficient (n-octanol/water)**
- Not available.

**Auto-ignition temperature**
- > 392 °F (> 200 °C)

**Decomposition temperature**
- Not available.

**Viscosity**
- Not available.

**Other information**
- **Oxidizing properties**: Not determined
- **VOC**: 158 g/L

10. Stability and reactivity

**Reactivity**
- Not available.

**Chemical stability**
- Stable under recommended storage conditions.

**Possibility of hazardous reactions**
- Will not occur.

**Conditions to avoid**
- Not available.

**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.

11. Toxicological information

**Information on likely routes of exposure**
- **Inhalation**: Inhalation may result in mild irritation to the respiratory system.
- **Skin contact**: Contact with skin may result in mild irritation.
Eye contact Causes serious eye irritation.
Ingestion Ingestion is not a likely route of exposure.
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 Causes serious eye irritation.

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

IARC Monographs. Overall Evaluation of Carcinogenicity
Not listed.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.
US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

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 May cause damage to organs (kidney) through prolonged or repeated exposure by ingestion.
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 This product has not been tested for ecological effects.
Ecotoxicity No ecotoxicity data noted for the ingredient(s).
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 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

DOT Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.
IMDG Not regulated as dangerous goods.
ADR Not regulated as dangerous goods.
Further information Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
### 15. Regulatory information

**US federal regulations**

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA Section 12(b)</td>
<td>Export Notification (40 CFR 707, Subpt. D)</td>
</tr>
<tr>
<td></td>
<td>Not regulated.</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Hazardous Substance List (40 CFR 302.4)</td>
</tr>
<tr>
<td></td>
<td>Not listed.</td>
</tr>
<tr>
<td>SARA 304</td>
<td>Emergency release notification</td>
</tr>
<tr>
<td></td>
<td>Not regulated.</td>
</tr>
<tr>
<td>OSHA Specifically Regulated Substances</td>
<td>(29 CFR 1910.1001-1050)</td>
</tr>
<tr>
<td></td>
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</table>

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

<table>
<thead>
<tr>
<th>Hazard categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard - Yes</td>
</tr>
<tr>
<td>Delayed Hazard - Yes</td>
</tr>
<tr>
<td>Fire Hazard - No</td>
</tr>
<tr>
<td>Pressure Hazard - No</td>
</tr>
<tr>
<td>Reactivity Hazard - No</td>
</tr>
</tbody>
</table>

**SARA 302** Extremely hazardous substance

| Not listed. |

**SARA 311/312 Hazardous chemical**

| No |

**Other federal regulations**

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>Clean Air Act (CAA) Section 112</td>
<td>Hazardous Air Pollutants (HAPs) List</td>
</tr>
<tr>
<td></td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Clean Air Act (CAA) Section 112(r)</td>
<td>Accidental Release Prevention (40 CFR 68.130)</td>
</tr>
<tr>
<td></td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Safe Drinking Water Act (SDWA)</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

**US state regulations**

| Not Listed |

**Other information**

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

**Regulatory information**

The components of this product are reported in the following inventories: United States of America, European Union, Canada and Ontario.

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

<table>
<thead>
<tr>
<th>Date/Version</th>
<th>Details</th>
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<tbody>
<tr>
<td>Issue date</td>
<td>09-Jun-2014</td>
</tr>
<tr>
<td>Revision date</td>
<td>28-Oct-2019</td>
</tr>
<tr>
<td>Version #</td>
<td>08</td>
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</tbody>
</table>

**Disclaimer**

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This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs.
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Name</th>
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<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>
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<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
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<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
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<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
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<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
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<tr>
<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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