1. Identification

Product identifier  
C1B59Series

Other means of identification  
None.

Recommended use  
Inkjet printing

Recommended restrictions  
None known.

Manufacturer/Importer/Supplier/Distributor information  

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

Telephone  
650-857-5020

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  
Not classified.

Environmental hazards  
Not classified.

OSHA defined hazards  
Not classified.

Label elements  

Hazard symbol  
None.

Signal word  
None.

Hazard statement  
Not available.

Precautionary statement  

Prevention  
Not available.

Response  
Not available.

Storage  
Not available.

Disposal  
Not available.

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.

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>Water</td>
<td></td>
<td>7732-18-5</td>
<td>80-90</td>
</tr>
<tr>
<td>Cyclo Amide*</td>
<td>Proprietary*</td>
<td>&lt; 10</td>
<td></td>
</tr>
<tr>
<td>Pigment Blue*</td>
<td>Proprietary*</td>
<td>&lt; 2.5</td>
<td></td>
</tr>
<tr>
<td>2,4,7,9-Tetramethyl-5-decyne-4,7-diol</td>
<td>126-86-3</td>
<td>&lt; 1</td>
<td></td>
</tr>
</tbody>
</table>

Material name: C1B59Series

SDS US 12351 Version #: 04 Revision date: 14-Oct-2018 Issue date: 29-Jan-2016
Chemical name: Glycine, N,N'-1,3-propanediylbis[N-(carboxymethyl)]

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. 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 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: CO2, water, dry chemical, or foam

Unsuitable extinguishing media:
None known.

Specific hazards arising from the chemical:
None known.

Special protective equipment and precautions for firefighters:
Not available.

Specific methods:
Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

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

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.

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

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:
Hand protection:
Not available.

Other:
Not available.

Respiratory protection:
Not available.

Thermal hazards:
Not available.

General hygiene considerations:
Handle in accordance with good industrial hygiene and safety practice.
### 9. Physical and chemical properties

**Appearance**
- Physical state: Liquid.
- Form: Not available.
- Color: Cyan
- Odor: Not available.
- Odor threshold: Not available.
- pH: 8.8 - 9.1
- Melting point/freezing point: Not available.
- Initial boiling point and boiling range: Not available.
- Flash point: > 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup
- Evaporation rate: Not available.

**Flammability (solid, gas)**
- Flammability limit - lower (%): Not available.
- Flammability limit - upper (%): Not available.
- Explosive limit - lower (%): Not available.
- Explosive limit - upper (%): Not available.

**Upper/lower flammability or explosive limits**
- Vapor pressure: Not available.
- Vapor density: 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: 3.2 - 3.3 cP

**Other information**
- For other VOC regulatory data/information see Section 15.
- VOC: 11 g/L US EPA Method 24

### 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. Decomposition of this product may yield oxides of phosphorus.
- hydrogen fluoride
- fluorinated hydrocarbons

### 11. Toxicological information

**Information on likely routes of exposure**
- **Inhalation**: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- **Skin contact**: Contact with skin may result in mild irritation.
- **Eye contact**: Contact with eyes may result in mild irritation.
- **Ingestion**: Health injuries are not known or expected under normal use.
Symptoms related to the physical, chemical and toxicological characteristics

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. Non irritant in rabbit (OECD 404)

**Serious eye damage/eye irritation**
Based on available data, the classification criteria are not met. Not classified as an irritant according to, OECD 405.

**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**

**IARC Monographs. Overall Evaluation of Carcinogenicity**
Not listed.

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**
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.

**12. Ecological information**

**Ecotoxicity**
No information available.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1B59Series</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Acute Fish LD50</td>
<td>Fathead minnow (Pimephales promelas) &gt; 750 mg/l, 96 hr</td>
<td></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 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.
15. Regulatory information

US federal regulations
- US TSCA 12(b): Does not contain listed chemicals.
- 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.
  - Not regulated.

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
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  - Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
  - Not regulated.
- Safe Drinking Water Act (SDWA)
  - Not regulated.

US state regulations
- Not Listed

Other information
- VOC content (less water, less exempt compounds) = 82 g/L (U.S. requirement, not for emissions)
- VOC data based on formulation (Organic compounds minus solids)
- US EPA Method 24

Regulatory information
- All chemical substances in this product are notified or exempt from notification under chemical substance notification laws in the following countries: Australia, Canada, China, European Union, Japan, Korea, Switzerland, USA.

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

Issue date: 29-Jan-2016
Revision date: 14-Oct-2018
Version #: 04

Other information: This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
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.

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.

Revision information

   Composition / Information on Ingredients: Ingredients
   Toxicological information: Corrosivity
   Toxicological information: Skin contact
   Other information, including date of preparation or last revision: Disclaimer
   HazReg Data: Pacific Rim

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