# Safety Data Sheet

## Table of contents

1. Identification

Important information  *** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***

Product identifier   CH590Series[C][2]

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  650-857-1501

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 Sensitization, skin  Category 1

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction.

Precautionary statement

Prevention Wear protective gloves/protective clothing/eye protection. Avoid breathing mist/vapor. Contaminated work clothing must not be allowed out of the workplace.

Response IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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.

Supplemental information None.
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>Ethoxylated-2,4,7,9-tetramethyl-5-d</td>
<td>ecyn-4,7-diol</td>
<td>9014-85-1</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Pigment Blue*</td>
<td>Proprietary*</td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td></td>
<td>2634-33-5</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>2-methyl-2h-isothiazol-3-one</td>
<td></td>
<td>2682-20-4</td>
<td>&lt;0.1</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).

*Proprietary

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
Not applicable.

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
Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

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 handling, 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.
<table>
<thead>
<tr>
<th>Protection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin protection</td>
<td>Not available.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>Use personal protective equipment to minimize exposure to skin and eye.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Not available.</td>
</tr>
<tr>
<td>Thermal hazards</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other</td>
<td>Not available.</td>
</tr>
<tr>
<td>General hygiene</td>
<td>Handle in accordance with good industrial hygiene and safety practice.</td>
</tr>
</tbody>
</table>

**9. Physical and chemical properties**

- **Appearance**
  - Physical state: Liquid.
  - Form: Not available.
  - Color: Cyan
  - Odor: Not available.
  - Odor threshold: Not available.
  - pH: 9 - 9.4

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

- **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**

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. 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**: Based on available data, the classification criteria are not met.
  - **Respiratory sensitization**: Non-sensitizer- Local Lymph Node Assay (OECD 429).
  - **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.
    - Not listed.
  - 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 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**

- **UN number**: Not available.
- **UN proper shipping name**: Not Regulated
- **Transport hazard class(es)**: Not available.
- **Class**: Not available.
Subsidiary risk: Not available.
Packing group: No
Environmental hazards: Not available.
Marine pollutant: No
Special precautions for user: Not available.

DOT Supplemental Information: DOT Classification only applies to shipments within the US and Puerto Rico.

IATA
UN number: Not available.
UN proper shipping name: Not Regulated
Transport hazard class(es)
  Class: Not available.
  Subsidiary risk: -
Packing group: Not available.
Environmental hazards: No
Special precautions for user: Not available.

IMDG
UN number: Not available.
UN proper shipping name: Not Regulated
Transport hazard class(es)
  Class: Not available.
  Subsidiary risk: -
Packing group: Not available.
Transport hazard class(es)
  Marine pollutant: No
EmS: Not available.
Special precautions for user: Not available.

ADR
UN number: Not available.
UN proper shipping name: Not Regulated
Transport hazard class(es)
  Class: Not available.
  Subsidiary risk: -
Hazard No. (ADR): Not available.
  Tunnel restriction code: Not available.
Packing group: Not available.
Environmental hazards: No
Special precautions for user: Not available.

Further information:
Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

15. Regulatory information

US federal regulations
US TSCA 12(b): Does not contain listed chemicals.
  Toxic Substances Control Act (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 1910.1001-1053)
    Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
  SARA 302 Extremely hazardous substance
    Not listed.
## SARA 311/312 Hazardous chemical

<table>
<thead>
<tr>
<th>Classification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Yes</td>
</tr>
</tbody>
</table>

## Classified hazard categories

- Respiratory or skin sensitization

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

- No intentionally added HAP substances.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

- Not regulated.

### Safe Drinking Water Act (SDWA)

- Not regulated.

## 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 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.

## Issue date

- 14-Jun-2015

## Revision date

- 27-Jan-2021

## Version #

- 08

## 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

- 1. Product and Company Identification: EU Poison Center
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</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>
</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>
SAFETY DATA SHEET

1. Identification

Important information
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Product identifier
CH590Series[M][2]

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
650-857-1501

HP Inc. health effects line
(Toll-free within the US) 1-800-457-4209
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HP Inc. Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551

Email:
thpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards
Not classified.

Health hazards
Sensitization, skin Category 1

Environmental hazards
Not classified.

OSHA defined hazards
Not classified.

Label elements

Signal word
Warning

Hazard statement
May cause an allergic skin reaction.

Precautionary statement

Prevention
Wear protective gloves/protective clothing/eye protection. Avoid breathing mist/vapor. Contaminated work clothing must not be allowed out of the workplace.

Response
IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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.

Supplemental information
None.
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></td>
<td>Proprietary*</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Pigment red*</td>
<td></td>
<td>Proprietary*</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Ethoxylated-2,4,7,9-tetramethyl-5-decyn-4,7-diol</td>
<td></td>
<td>9014-85-1</td>
<td>&lt;1</td>
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<tr>
<td>1,2-Benzisothiazolin-3-one</td>
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<td>2634-33-5</td>
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<tr>
<td>2-methyl-2h-isothiazol-3-one</td>
<td></td>
<td>2682-20-4</td>
<td>&lt;0.1</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. 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
Not applicable.

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
Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

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.
<table>
<thead>
<tr>
<th>Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
</tr>
<tr>
<td>Physical state: Liquid.</td>
</tr>
<tr>
<td>Form: Not available.</td>
</tr>
<tr>
<td>Color: Magenta</td>
</tr>
<tr>
<td>Odor: Not available.</td>
</tr>
<tr>
<td>Odor threshold: Not available.</td>
</tr>
<tr>
<td>pH: 8.8 - 9.1</td>
</tr>
<tr>
<td>Melting point/freezing point: Not available.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range: Not available.</td>
</tr>
<tr>
<td>Flash point: &gt; 200.0 °F (&gt; 93.3 °C) Pensky-Martens Closed Cup</td>
</tr>
<tr>
<td>Evaporation rate: Not available.</td>
</tr>
<tr>
<td>Flammability (solid, gas): Not available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
</tr>
<tr>
<td>Flammability limit - lower (%): Not available.</td>
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<tr>
<td>Flammability limit - upper (%): Not available.</td>
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<tr>
<td>Explosive limit - lower (%): Not available.</td>
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<tr>
<td>Explosive limit - upper (%): Not available.</td>
</tr>
<tr>
<td>Vapor pressure: Not available.</td>
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<tr>
<td>Vapor density: Not available.</td>
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<tr>
<td>Solubility(ies)</td>
</tr>
<tr>
<td>Solubility (water): Not available.</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water): Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature: Not available.</td>
</tr>
<tr>
<td>Decomposition temperature: Not available.</td>
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<tr>
<td>Viscosity: 3.2 - 3.3 cP</td>
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<tr>
<td>Other information</td>
</tr>
<tr>
<td>For other VOC regulatory data/information see Section 15.</td>
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<tr>
<td>VOC: 43 g/L US EPA Method 24</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Stability and reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity: Not available.</td>
</tr>
<tr>
<td>Chemical stability: Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions: Will not occur.</td>
</tr>
<tr>
<td>Conditions to avoid: Not available.</td>
</tr>
<tr>
<td>Incompatible materials: Incompatible with strong bases and oxidizing agents.</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>
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
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  Based on available data, the classification criteria are not met.

Respiratory sensitization  Based on available data, the classification criteria are not met.
Skin sensitization  Non-sensitizer - Local Lymph Node Assay (OECD 429).

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

IARC Monographs. Overall Evaluation of Carcinogenicity  Not listed.
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 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

UN number  Not available.
UN proper shipping name  Not Regulated
Transport hazard class(es)

Class  Not available.
Subsidiary risk  -
<table>
<thead>
<tr>
<th>Packing group</th>
<th>Not available.</th>
</tr>
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<tbody>
<tr>
<td>Environmental hazards</td>
<td>No</td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>Not available.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not available.</td>
</tr>
<tr>
<td>DOT Supplemental Information</td>
<td>DOT Classification only applies to shipments within the US and Puerto Rico.</td>
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<td>Packing group</td>
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<td>Special precautions for user</td>
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<td>Environmental hazards</td>
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<td>Special precautions for user</td>
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<tr>
<td>Further information</td>
<td>Not a dangerous good under DOT, IATA, ADR, IMDG, or RID. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.</td>
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15. Regulatory information

**US federal regulations**

US TSCA 12(b): Does not contain listed chemicals.

Toxic Substances Control Act (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 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes
### Classified hazard categories
Respiratory or skin sensitization

### Other federal regulations

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
No intentionally added HAP substances.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
Not regulated.

**Safe Drinking Water Act (SDWA)**
Not regulated.

### Other information

VOC content (less water, less exempt compounds) = 258 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 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

<table>
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<tr>
<th>Issue date</th>
<th>15-Jun-2015</th>
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<tr>
<td>Revision date</td>
<td>27-Jan-2021</td>
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<tr>
<td>Version #</td>
<td>08</td>
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<td>Other information</td>
<td>This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).</td>
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### 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

1. Product and Company Identification: EU Poison Center
2. Composition / Information on Ingredients: Disclosure Overrides
3. Accidental release measures: Methods and materials for containment and cleaning up
### Explanation of abbreviations

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