1. Identification of the chemical product and of the supplier

Identification of the chemical product: T0B26Series

Other means of identification: None.

Recommended use of the chemical and restrictions on use

Recommended use: Inkjet printing

Recommended restrictions: None known.

Manufacturer/Importer/Supplier/Distributor information

HP Inc Chile Comercial Limitada
Mariano Sanchez Fontecilla 310, Piso 13
Santiago, Chile 7550296

Telefon: 56-2-333-0978

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. Hazards identification

Classification according to GHS

Physical hazards: Not classified.
Health hazards: Not classified.
Environmental 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.

Safety signs according to NCh1411/4

Other hazards

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation. Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. Complete toxicity data are not available for this specific formulation. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

Supplemental information: None.

3. Composition/information on ingredients

Mixture
Hazardous components

<table>
<thead>
<tr>
<th>Systematic chemical name</th>
<th>Common or generic name</th>
<th>CAS number</th>
<th>Concentration range</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-pyrollidone</td>
<td></td>
<td>616-45-5</td>
<td>&lt;10</td>
</tr>
</tbody>
</table>

Non-hazardous components

<table>
<thead>
<tr>
<th>Systematic chemical name</th>
<th>Common or generic name</th>
<th>CAS number</th>
<th>Concentration range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
<td>7732-18-5</td>
<td>70-90</td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td>1333-86-4</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

Composition comments
This ink supply contains an aqueous ink formulation. Carbon black is present only in a bound form in this preparation.

4. First-aid measures

Inhalation
Remove 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.

Expected acute and delayed effects, most important symptoms
Not available.

Special notes for treating physician
Not available.

5. Fire-fighting measures

Extinguishing media
For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide. For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray.

Inappropriate extinguishing media
None known.

Products formed during combustion and thermal degradation
Refer to section 10.

Specific associated hazards
Not applicable.

Specific extinguishing methods
None established.

Precautions for emergency personnel and/or firefighters
Not available.

6. Accidental release measures

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

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

Methods and material for containment, confinement, and/or abatement
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.

Methods and materials for clean-up
Soak up with inert absorbent material.

Additional measures for preventing disasters
Not available.

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

Maximum permissible concentration

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3.1 mg/m³</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Inhalable fraction</td>
</tr>
</tbody>
</table>

Biological limit values

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

Exposure guidelines

Exposure limits have not been established for this product.

Individual protection measures, such as personal protective equipment

- **Respiratory protection**: Not available.
- **Hand protection**: Not available.
- **Other**: Use personal protective equipment to minimize exposure to skin and eye.
- **Eye protection**: Not available.
- **Skin and body protection**: Not available.
- **Engineering measures**: Use in a well ventilated area.
- **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**: Black.
- **Odor**: Not available.
- **pH**: 7.5 - 9
- **Melting point/freezing point**: Not available.
- **Initial boiling point and boiling range**: Not available.
- **Flash point**: > 230.0 °F (> 110.0 °C)
- **Explosivity limits**: 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.
- **Odor threshold**: Not available.
- **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.
- **Viscosity**: Not available.
**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.

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**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.

**Information on toxicological effects**

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

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-pyrrolidone (CAS 616-45-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>Carbon black (CAS 1333-86-4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50</td>
<td>Rat</td>
<td>&gt; 10000 mg/kg</td>
</tr>
</tbody>
</table>

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

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

  Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. Carbon black is present only in a bound form in this preparation.

**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.

**Related symptoms**
Not available.

**Further information**
Complete toxicity data are not available for this specific formulation

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**12. Ecological information**

**Aquatic toxicity**
This product has not been tested for ecological effects.
This product has not been tested for ecological effects.

### Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-pyrrolidone (CAS 616-45-5)</td>
<td>Crustacea</td>
<td>EC50 Water flea (Daphnia pulex)</td>
</tr>
</tbody>
</table>

**Persistence and degradability**
Not available.

**Bioaccumulative potential**
Not available.

**Octanol/water partition coefficient log Kow**
2-pyrrolidone
-0.85

**Mobility in soil**
Not available.

**Other adverse effects**
Not available.

### 13. Disposal considerations

**Remains/residues**
Not available.

**Contaminated container, packaging and contaminated materials**
Not available.

**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. Not a regulated article under Israeli Transport Services Law and Regulation 1997, United States DOT, IATA, ADR, IMDG or RID.

### 15. Regulatory information

**Safety, health and environmental regulations specific for the product in question**

- **Controlled chemical substances susceptible to manufacturing of narcotics and psychotropic drugs, Lists I, II, III (Decree 1358, published April 17, 2007)**
  Not listed.
- **Prohibited Substances (Reg. 594/1999, art. 65, as of Nov. 8, 2012)**
  Not listed.

**Other information**
Ordinance of the Minister of Labour and Social Policy of 06 June 2014 concerning maximum permissible concentrations and intensities of agents harmful to health in a work environment (Journal of Laws 2014 item 817).

**International regulations**
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.

- **Stockholm Convention**
  Not applicable.
- **Rotterdam Convention**
  Not applicable.
- **Montreal Protocol**
  Not applicable.
- **Kyoto protocol**
  Not applicable.
16. Other information, including date of preparation or last revision

<table>
<thead>
<tr>
<th>Issue date</th>
<th>06-Sep-2017</th>
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</thead>
<tbody>
<tr>
<td>Version #</td>
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</tbody>
</table>

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
1. Product and Company Identification: Alternate Trade Names

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