



# SAFETY DATA SHEET

## 1. Identification

|   |   |
|---|---|
| <b>Important information</b>                                  | *** 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. *** |
| <b>Product identifier</b>                                     | C4820ACLEANERONLY   |
| <b>Other means of identification</b>                          | None.   |
| <b>Recommended use</b>  | Inkjet printing   |
| <b>Recommended restrictions</b>                               | None known.   |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |
|   | Hewlett-Packard Vietnam Ltd.<br>Suite 1002, 29 Le Duan, Saigon Tower, 10th floor<br>District 1, Ho Chi Minh city, Ho Chi Minh (Sai Gon),<br>Viet Nam  |
| <b>Telephone</b>  | +84437245550  |
| <b>HP Inc. health effect line</b>                             |   |
| <b>(Toll-free within US)</b>                                  | 1-800-457-4209  |
| <b>(Direct)</b>   | 1-760-710-0048  |
| <b>HP Inc. Customer Care Line</b>                             |   |
| <b>(Toll-free within the US)</b>                              | 1-800-474-6836  |
| <b>(Direct)</b>   | 1-208-323-2551  |
| <b>Email:</b>   | hpcustomer.inquiries@hp.com   |

## 2. Hazard(s) identification

|  |   |
|--|---|
| <b>Physical hazards</b>                                    | Not classified.   |
| <b>Health hazards</b>                                      | Not classified.   |
| <b>Environmental hazards</b>                               | Not classified.   |
| <b>Label elements</b>                                      |   |
| <b>Hazard symbol</b>                                       | None.   |
| <b>Signal word</b>   | None.   |
| <b>Hazard statement</b>                                    | Not available.  |
| <b>Precautionary statement</b>                             |   |
| <b>Prevention</b>  | Not available.  |
| <b>Response</b>  | Not available.  |
| <b>Storage</b>   | Not available.  |
| <b>Disposal</b>  | Not available.  |
| <b>Other hazards which do not result in classification</b> | Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.<br><br>None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.<br><br>Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Vapors irritating to eyes and respiratory tract. Inhalation of mists/vapors of this product may cause dizziness, nausea, and respiratory tract congestion. |
| <b>GHS Supplemental information</b>                        | None.   |

## 3. Composition/information on ingredients

### Mixtures

| <b>Non-hazardous components</b> |                                 |                   |          |
|---------------------------------|---------------------------------|-------------------|----------|
| <b>Chemical name</b>            | <b>Common name and synonyms</b> | <b>CAS number</b> | <b>%</b> |
| Polyethylene glycol             |                                 | 25322-68-3        | 100      |

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#### 4. First-aid measures

|   |   |
|---|---|
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>Skin contact</b>                                       | Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.  |
| <b>Eye contact</b>  | 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. |
| <b>Ingestion</b>  | If ingestion of a large amount does occur, seek medical attention.  |
| <b>Most important symptoms/effects, acute and delayed</b> | Not available.  |

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#### 5. Fire-fighting measures

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | CO2, water, dry chemical, or foam.  |
| <b>Unsuitable extinguishing media</b>                                | None known.   |
| <b>Specific hazards arising from the chemical</b>                    | None known.   |
| <b>Special protective equipment and precautions for firefighters</b> | Not available.  |
| <b>Specific methods</b>  | Do not direct a solid stream of water or foam into hot, burning pools; this may result in frothing and increase fire intensity. |

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#### 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Wear appropriate personal protective equipment.   |
| <b>Methods and materials for containment and cleaning up</b>               | 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. |
| <b>Environmental precautions</b>   | Do not let product enter drains. Do not flush into surface water or sanitary sewer system.  |

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#### 7. Handling and storage

|   |   |
|---|---|
| <b>Precautions for safe handling</b>                                | Avoid contact with skin, eyes and clothing.                               |
| <b>Conditions for safe storage, including any incompatibilities</b> | Keep out of the reach of children. Keep away from excessive heat or cold. |

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#### 8. Exposure controls/personal protection

|  |  |
|--|--|
| <b>Occupational exposure limits</b>  | No exposure limits noted for ingredient(s).                            |
| <b>Biological limit values</b>   | No biological exposure limits noted for the ingredient(s).             |
| <b>Appropriate engineering controls</b>                                      | Use in a well ventilated area.   |
| <b>Individual protection measures, such as personal protective equipment</b> |  |
| <b>Eye/face protection</b>   | Not available.   |
| <b>Skin protection</b>   |  |
| <b>Hand protection</b>   | Not available.   |
| <b>Other</b>   | Not available.   |
| <b>Respiratory protection</b>  | Not available.   |
| <b>Thermal hazards</b>   | Not available.   |
| <b>General hygiene considerations</b>  | Handle in accordance with good industrial hygiene and safety practice. |

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#### 9. Physical and chemical properties

|                                     |                |
|-------------------------------------|----------------|
| <b>Appearance</b>                   |                |
| <b>Physical state</b>               | Not available. |
| <b>Form</b>                         | Not available. |
| <b>Color</b>                        | clear          |
| <b>Odor</b>                         | Not available. |
| <b>Odor threshold</b>               | Not available. |
| <b>pH</b>                           | Not Applicable |
| <b>Melting point/freezing point</b> | Not available. |

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|   |                                |
|---|--------------------------------|
| <b>Initial boiling point and boiling range</b>      | > 392 °F (> 200 °C)            |
| <b>Flash point</b>                                  | > 424.4 °F (> 218.0 °C)        |
| <b>Evaporation rate</b>                             | Not determined                 |
| <b>Flammability (solid, gas)</b>                    | Not available.                 |
| <b>Upper/lower flammability or explosive limits</b> |                                |
| <b>Flammability limit - lower (%)</b>               | Not determined                 |
| <b>Flammability limit - upper (%)</b>               | Not available.                 |
| <b>Explosive limit - lower (%)</b>                  | Not available.                 |
| <b>Explosive limit - upper (%)</b>                  | Not available.                 |
| <b>Vapor pressure</b>                               | < 0.01 mm Hg 20 degrees C      |
| <b>Vapor density</b>                                | (Air = 1.0)<br>> 1 (Air = 1.0) |
| <b>Solubility(ies)</b>                              |                                |
| <b>Solubility (water)</b>                           | Soluble in water               |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                 |
| <b>Auto-ignition temperature</b>                    | Not available.                 |
| <b>Decomposition temperature</b>                    | Not available.                 |
| <b>Viscosity</b>                                    | Not available.                 |
| <b>Other information</b>                            |                                |
| <b>Oxidizing properties</b>                         | Not determined                 |
| <b>Specific gravity</b>                             | 1 - 1.2                        |
| <b>VOC</b>  | 2 g/l EPA Method 24            |

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## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | Not available.                                       |
| <b>Chemical stability</b>                 | Stable under recommended storage conditions.         |
| <b>Possibility of hazardous reactions</b> | Will not occur.                                      |
| <b>Conditions to avoid</b>                | Not available.                                       |
| <b>Incompatible materials</b>             | Incompatible with strong bases and oxidizing agents. |
| <b>Hazardous decomposition products</b>   | aldehydes  |

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## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Skin contact</b> | Contact with skin may result in mild irritation.   |
| <b>Eye contact</b>  | Contact with eyes may result in mild irritation.   |
| <b>Ingestion</b>    | 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

|  |   |
|--|---|
| <b>Acute toxicity</b>                    | Based on available data, the classification criteria are not met. |
| <b>Skin corrosion/irritation</b>         | Based on available data, the classification criteria are not met. |
| <b>Serious eye damage/eye irritation</b> | Based on available data, the classification criteria are not met. |
| <b>Respiratory or skin sensitization</b> |   |
| <b>Respiratory sensitization</b>         | Based on available data, the classification criteria are not met. |
| <b>Skin sensitization</b>                | Based on available data, the classification criteria are not met. |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met. |
| <b>Carcinogenicity</b>                   | Based on available data, the classification criteria are not met. |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met. |

|   |   |
|---|---|
| <b>Specific target organ toxicity - single exposure</b>   | Based on available data, the classification criteria are not met.   |
| <b>Specific target organ toxicity - repeated exposure</b> | Based on available data, the classification criteria are not met.   |
| <b>Aspiration hazard</b>                                  | Based on available data, the classification criteria are not met.   |
| <b>Further information</b>                                | Complete toxicity data are not available for this specific formulation<br>Refer to Section 2 for potential health effects and Section 4 for first aid measures. |

## 12. Ecological information

|                                      |  |
|--------------------------------------|--|
| <b>Aquatic toxicity</b>              | LC50/48h/daphnia =>10000 mg/L                    |
| <b>Ecotoxicity</b>                   | No ecotoxicity data noted for the ingredient(s). |
| <b>Persistence and degradability</b> | Not available.                                   |
| <b>Bioaccumulative potential</b>     | Not available.                                   |
| <b>Mobility in soil</b>              | Not available.                                   |
| <b>Other adverse effects</b>         | Not available.                                   |

## 13. Disposal considerations

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | Do not allow this material to drain into sewers/water supplies.<br>Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. |
| <b>Waste from residues / unused products</b> | Not available.   |
| <b>Contaminated packaging</b>                | Not available.   |

## 14. Transport information

|                            |  |
|----------------------------|--|
| <b>DOT</b>                 | Not regulated as dangerous goods.                        |
| <b>IATA</b>                | Not regulated as dangerous goods.                        |
| <b>IMDG</b>                | Not regulated as dangerous goods.                        |
| <b>ADR</b>                 | Not regulated as dangerous goods.                        |
| <b>Further information</b> | Not a dangerous good under DOT, IATA, ADR, IMDG, or RID. |

## 15. Regulatory information

### National regulations

#### Ozone Depleting Substances (ODS) Joint circular No. 14/2005/TTLT-BTM-BTNMT

Not regulated.

#### Vietnam. Chemicals that must be declared (Decree No. 108/2008/ND-CP, App. 5, Oct. 7, 2008, as amended through Decree No. 26/2011/ND-CP, April 8, 2011)

Not regulated.

#### Vietnam. Toxic Chemicals Requiring Sale & Purchase Control Slips (Decree No. 26/2011/ND-CP, App. 6, April 8, 2011)

Not regulated.

#### Vietnam. CWC (Decree No. 100/2005/ND-CP, Implementation of Chemical Weapons Convention, Appendix 1, Schedules 1-3, August 3, 2005)

Not regulated.

#### Vietnam. Drug Precursor & Essential Substances (Decree No. 67/2001/ND-CP, List IV, as amended through Decree No. 17/2011/ND-CP, Feb. 22, 2011)

Not regulated.

### 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.  
**Basel Convention**  
Not applicable.

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

|                                     |  |
|-------------------------------------|--|
| <b>Issue date</b>                   | 05-Nov-2016  |
| <b>Revision date</b>                | 20-Aug-2019  |
| <b>Version #</b>                    | 03   |
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| <b>Revision information</b>         | Identification: Important information  |
| <b>Explanation of abbreviations</b> |  |

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