



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

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. ***

1.1. Product identifier

glossary_trade_name CP803Series
Identification number 607-038-00-2
Registration number -
Synonyms None.
Issue date 15-Jul-2013
Version number 14
Revision date 09-Jul-2020
Supersedes date 27-Feb-2020

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing
Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

HP Inc Slovakia, s.r.o.
Galvaniho 7, 4th floor
Bratislava 22, Slovakia 820 02
Telephone 00421 2 5752 5111

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

1.4 Emergency telephone numbers +421, 2 5477 4166

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

| | | |
|----------------------------|------------|--------------------------------------|
| Acute toxicity, oral | Category 4 | H302 - Harmful if swallowed. |
| Acute toxicity, dermal | Category 4 | H312 - Harmful in contact with skin. |
| Acute toxicity, inhalation | Category 4 | H332 - Harmful if inhaled. |

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: 2-butoxyethyl acetate

Hazard pictograms



Signal word Warning

Hazard statements

H302 Harmful if swallowed.
H312 Harmful in contact with skin.

H332

Harmful if inhaled.

Precautionary statements**Prevention**

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 Wash hands thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.

Response

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P330 Rinse mouth.
 P363 Wash contaminated clothing before reuse.

Storage

Not available.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.

2.3. Other hazards Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

SECTION 3: Composition/information on ingredients**3.1. Substances****General information**

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|------------------------|---|-----------------------|------------------------|--------------|-------|
| 2-butoxyethyl acetate | 100 | 112-07-2 203-933-3 | 01-2119475112-47-XXXX | 607-038-00-2 | # |
| Classification: | Acute Tox. 4;H302, Acute Tox. 4;H312, Acute Tox. 4;H332 | | | | |

SECTION 4: First aid measures

General information Not available.

4.1. Description of first aid measures

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

Skin contact In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.
Get medical attention, if needed.

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.

Ingestion Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person.
Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed Not available.

4.3. Indication of any immediate medical attention and special treatment needed Not available.

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable 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.

Unsuitable extinguishing media Not available.

5.2. Special hazards arising from the substance or mixture Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

For emergency responders Not available.

6.2. Environmental precautions Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up Not available.

6.4. Reference to other sections Not available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

| Material | Type | Value |
|--------------------------------------|-------------|---------------------------------|
| CP803Series | STEL | 333 mg/m ³ 50 ppm |
| | TWA | 133 mg/m ³ 20 ppm |
| Components | Type | Value |
| 2-Butoxyethyl acetate (CAS 112-07-2) | STEL | 333 mg/m ³ 50 ppm |
| | TWA | 133 mg/m ³ 20 ppm |

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU

| Material | Type | Value |
|--------------------------------------|-------------|---------------------------------|
| CP803Series | STEL | 333 mg/m ³ 50 ppm |
| | TWA | 133 mg/m ³ 20 ppm |
| Components | Type | Value |
| 2-Butoxyethyl acetate (CAS 112-07-2) | STEL | 333 mg/m ³ 50 ppm |
| | TWA | 133 mg/m ³ 20 ppm |

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

Recommended monitoring procedures Not available.

Derived no effect levels (DNELs)

| Components | Type | Route | Value | Form |
|--------------------------------------|---------|------------|-----------|---------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | Workers | Dermal | 169 mg/kg | Systemic long term |
| | | Dermal | 120 mg/kg | Systemic acute short term |
| | | Inhalation | 333 mg/m3 | Local acute short term |
| | | Inhalation | 133 mg/m3 | Systemic long term |

Predicted no effect concentrations (PNECs)

| Components | Type | Route | Value | Form |
|--------------------------------------|----------------|--------------|-------------|--|
| 2-butoxyethyl acetate (CAS 112-07-2) | Not applicable | Freshwater | 0.304 mg/l | Releases |
| | | Intermittent | 0.56 mg/l | |
| | | Marine water | 0.0304 mg/l | Food poisoning Freshwater Marine water |
| | | Secondary | 0.06 g/kg | |
| | | Sediment | 2.03 mg/kg | |
| | | Sediment | 0.203 mg/kg | |
| | | Soil | 0.42 mg/kg | Sewage Treatment Plant |
| | | STP | 90 mg/l | |

Exposure guidelines

Slovakia OELs: Skin designation

2-Butoxyethyl acetate (CAS 112-07-2) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

General information Not available.

Eye/face protection Wear safety glasses; chemical goggles (if splashing is possible).
Eye wash fountain and emergency showers are recommended.

Skin protection

- Hand protection Recommended gloves: Nitrile 6 mil minimum thickness.

- Other Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

Hygiene measures Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Launder contaminated clothing before reuse.

Environmental exposure controls Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color Clear.

Odor Solvent.

Odor threshold Not available.

pH 2.2 - 3.8 Metler Toledo pH Meter. 10 g/l, H₂O, 20 °C

Melting point/freezing point -82.3 °F (-63.5 °C) / -83.2 °F (-64 °C)

Initial boiling point and boiling range 377.6 °F (192 °C)

Flash point > 165.2 °F (> 74.0 °C) Tag Closed Cup Method D 56

Evaporation rate 0.04

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

| | |
|---|---|
| Vapor pressure | 0.4 hPa @ 20°C |
| Vapor density | 6 |
| Solubility(ies) | |
| Solubility (water) | 2 % |
| Partition coefficient (n-octanol/water) | 1.57 |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 1.6 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading |
| Explosive properties | Not available. |
| Oxidizing properties | Not available. |
| 9.2. Other information | |
| Molecular formula | C8-H16-O3 |
| Molecular weight | 160 |
| VOC | < 940 g/L Calculated |

SECTION 10: Stability and reactivity

| | |
|--|---|
| 10.1. Reactivity | Not available. |
| 10.2. Chemical stability | Stable at normal conditions. |
| 10.3. Possibility of hazardous reactions | None known. |
| 10.4. Conditions to avoid | Heat, flames and sparks. |
| 10.5. Incompatible materials | This product may react with strong oxidizing agents. Reacts with air to form peroxides. oxidizing agents |
| 10.6. Hazardous decomposition products | peroxides. |

SECTION 11: Toxicological information

| | | |
|--|---|---------------------|
| General information | Not available. | |
| Information on likely routes of exposure | | |
| Inhalation | Harmful if inhaled. | |
| Skin contact | Harmful in contact with skin. | |
| Eye contact | Contact with eyes may result in mild irritation. | |
| Ingestion | Ingestion is not a likely route of exposure. | |
| Symptoms | Not available. | |
| 11.1. Information on toxicological effects | | |
| Acute toxicity | Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin. | |
| Components | Species | Test Results |
| 2-butoxyethyl acetate (CAS 112-07-2) | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | 1500 mg/kg |
| 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 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. | |
| 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. |
| Mixture versus substance information | Not available. |
| Other information | Complete toxicity data are not available for this specific formulation |

SECTION 12: Ecological information

| | |
|--|---|
| 12.1. Toxicity | No toxicity data noted for the ingredient(s). |
| 12.2. Persistence and degradability | Not available. |
| 12.3. Bioaccumulative potential | Not available. |
| Partition coefficient n-octanol/water (log Kow) | |
| CP803Series | 1.57 |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | Not available. |
| 12.5. Results of PBT and vPvB assessment | Not a PBT or vPvB substance or mixture. |
| 12.6. Other adverse effects | Not available. |

SECTION 13: Disposal considerations

| | |
|--------------------------------------|--|
| 13.1. Waste treatment methods | |
| Residual waste | Not available. |
| Contaminated packaging | Not available. |
| EU waste code | Not available. |
| Disposal methods/information | Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor. |

SECTION 14: Transport information

| | |
|-------------------------------------|---|
| DOT | |
| UN number | NA1993 |
| UN proper shipping name | Combustible Liquid n.o.s. (Ethylene Glycol, Monobutyl Ether Acetate) - not regulated in quantities less than 119 gallons. |
| Transport hazard class(es) | |
| Class | Combustible |
| Subsidiary risk | - |
| Packing group | III |
| Special precautions for user | 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. |

General information DOT Classification only applies to shipments within the US and Puerto Rico.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other 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.

Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

National regulations

Not available.

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.



SECTION 16: Other information

| | |
|---|--|
| References | <p>Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).</p> <p>Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.</p> <p>Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).</p> |
| Information on evaluation method leading to the classification of mixture | <p>The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.</p> |
| Full text of any H-statements not written out in full under Sections 2 to 15 | <p>H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled.</p> |
| Revision information | <p>SECTION 2: Hazards identification: Prevention SECTION 2: Hazards identification: Response 9. Physical & Chemical Properties: Multiple Properties SECTION 14: Transport information: General information GHS: Classification</p> |
| Training information | <p>Follow training instructions when handling this material.</p> |
| Disclaimer | <p>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.</p> <p>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.</p> |
| 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 |

Generic Exposure Information Sheet (GEIS)

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Maintenance fluid digital printing: SSMF01 *English*

| | |
|---|---|
| Disclaimer | |
| <p><i>This GEIS is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this GEIS to a specific product SDS, the importer/formulator declares that the product can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, GEIS Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS.</i></p> <p><i>The REACH registration number(s), where applicable, completes an extended product SDS.</i></p> | |
| Operational conditions | |
| Maximum duration | Up to 8 hours per day |
| Frequency of exposure | < 240 days per year |
| Process conditions | <p>Covers use at ambient temperatures.</p> <p>Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides guidelines to ensure acceptable air quality in the workspace.</p> <p>Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS.</p> <p>Avoid direct contact.</p> <p>Regular cleaning of equipment and work area.</p> <p>Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions follow</p> |
| Risk management measures | |
| Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation | <p>Wear safety glasses with side shields (or goggles), if splashing is possible.</p> <p>Wear appropriate chemical resistant gloves: see section 8 of the SDS.</p> <p>Wear appropriate chemical resistant clothing.</p> <p>Eye wash fountain and emergency showers are recommended.</p> <p>Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.</p> <p>Avoid breathing mist/vapours.</p> <p>Avoid contact with skin, eyes and clothing.</p> <p>Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.</p> <div style="text-align: center; margin-top: 10px;">  </div> |
| Good practice advice | |
| <p>Use personal protective equipment as required.</p> <p>Wash hands before breaks and after work.</p> <p>Keep good industrial hygiene and safety practice.</p> <p>Use only with adequate ventilation.</p> <p>Do no eat, drink or smoke when using this product.</p> <p>Wash contaminated clothing before reuse.</p> <p>Store at room temperature.</p> |  |
| Environmental measures | |
| <p>Do not allow this material to drain into sewers/water supplies.</p> <p>Dispose of waste material according to Local, State, Federal and Provincial Environmental Regulations.</p> <p>Ensure collection and disposal with appropriately licenced waste contractor.</p> | |
| Use descriptors | |
| IS-Use at industrial sites | |
| PW-Widespread use by professional workers | |
| SU7-Printing and reproduction media | |
| PC35-Washing and cleaning products | |
| PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities | |
| PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities | |
| PROC11-Non-industrial spraying | |
| ERC4-Use of non-reactive processing aid at industrial site (no inclusion into or onto article) | |
| Additional information on product composition | |
| <p>In section 2 of the SDS as well as on the label, the classification of the product is provided.</p> <p>Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.</p> | |