

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 usesInkjet printingUses advised againstNone known.

1.3. Details of the supplier of the safety data sheet

HP Finland Oy

Piispankalliontie 17, Pt. Ground Floor

Espoo

Finland FI-02200 +35 205 350

+358 (0)9 471977

HP Inc. health effects line

(Toll-free within the US) 1-800-457-4209 (Direct) 1-760-710-0048

HP Inc. Customer Care

Line

Telephone

(Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

1.4 Emergency telephone

number

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

Wear protective gloves/protective clothing/eye protection/face protection. P280

Avoid breathing dust/fume/gas/mist/vapors/spray. P261

Wash hands thoroughly after handling. P264

Do not eat, drink or smoke when using this product. P270 Use only outdoors or in a well-ventilated area. P271

Response

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301 + P312

IF ON SKIN: Wash with plenty of soap and water. P302 + P352

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P304 + P340

Rinse mouth P330

Wash contaminated clothing before reuse. P363

Storage Not available.

Disposal

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

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, Acu	_00 000 0	te 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.

In case of contact, immediately remove contaminated clothing and flush skin with copious amounts Skin contact

of water. Wash clothing separately before reuse.

Get medical attention, if needed.

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under Eye contact

the eyelids, for at least 15 minutes. Get medical attention immediately.

Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice Ingestion

-- 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.

Not available.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

For small (incipient) fires, use media such as foam, sand, dry chemical, or carbon dioxide. Suitable extinguishing

For large fires use very large (flooding) quantities of water and/or foam, applied as a mist or spray. media

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

runoff into storm sewers and ditches which lead to waterways.

Special fire fighting procedures

Move containers from fire area if you can do it without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

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 personnel

ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor

Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid

formation use a respirator with an approved filter.

For emergency responders

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

6.3. Methods and material for

Not available.

containment and cleaning up 6.4. Reference to other

Not available.

sections

SECTION 7: Handling and storage

7.1. Precautions for safe

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.

handling

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

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Material	туре	value	
CP803Series	STEL	140 mg/m3	
		20 ppm	
	TWA	70 mg/m3	
		10 ppm	
Components	Туре	Value	
2-Butoxyethyl acetate (CAS 112-07-2)	STEL	140 mg/m3	
		20 ppm	
	TWA	70 mg/m3	
		10 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/m3	
		50 ppm	
	TWA	133 mg/m3	
		20 ppm	
Components	Туре	Value	
2-Butoxyethyl acetate (CAS 112-07-2)	STEL	333 mg/m3	
		50 ppm	
	TWA	133 mg/m3	
		20 ppm	

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

Not available.

Derived no effect levels (DNELs)

Type	Route	Value	Form
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
	,,	Workers Dermal Dermal Inhalation	Workers Dermal 169 mg/kg Dermal 120 mg/kg Inhalation 333 mg/m3

Predicted no effect concentrations (PNECs)

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

Exposure guidelines

Lithuania OELs: Skin designation

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

8.2. Exposure controls

Appropriate engineering

Not available.

controls

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.

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

Thermal hazards Not available.

Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing. Hygiene measures

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. Liquid. **Form** Color Clear. Odor Solvent. **Odor threshold** Not available.

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)

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

Evaporation rate

Flammability (solid, gas) Not available. Upper/lower flammability or explosive limits

Flammability limit - lower Not available.

(%)

Flammability limit - upper

(%)

Not available.

6

Vapor pressure 0.4 hPa @ 20°C

Vapor density

Solubility(ies)

2 % Solubility (water) Partition coefficient 1.57

(n-octanol/water)

Not available. **Auto-ignition temperature** Not available. **Decomposition temperature**

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

C8-H16-O3 Molecular formula

160 Molecular weight

VOC < 940 g/L Calculated

SECTION 10: Stability and reactivity

10.1. Reactivity Not available.

Stable at normal conditions. 10.2. Chemical stability

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

peroxides. 10.6. Hazardous

decomposition products

SECTION 11: Toxicological information

General information Not available.

Information on likely routes of exposure

Harmful if inhaled. Inhalation

Skin contact Harmful in contact with skin.

Eye contact Contact with eyes may result in mild irritation. Ingestion is not a likely route of exposure. Ingestion

Symptoms Not available.

11.1. Information on toxicological effects

Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin. **Acute toxicity**

Components **Test Results**

2-butoxyethyl acetate (CAS 112-07-2)

Acute 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. Based on available data, the classification criteria are not met. Skin sensitization 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 hazardBased 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 |||

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

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.

SECTION 16: Other information

References

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).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

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

H332 Harmful if inhaled.

Revision information

SECTION 2: Hazards identification: Prevention SECTION 2: Hazards identification: Response 9. Physical & Chemical Properties: Multiple Properties SECTION 14: Transport information: General information

GHS: Classification

Training information

Disclaimer

Follow training instructions when handling this material.

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.

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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

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.

The REACH registration number(s), where applicable, completes an extended product SDS.

Operational conditions	
Maximum duration	Up to 8 hours per day
Frequency of exposure	< 240 days per year
Process conditions	Covers use at ambient temperatures.
	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.
	Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS.
	Avoid direct contact.
	Regular cleaning of equipment and work area.
	Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions follow

Risk management measures

Conditions and measures related to Personal Protection Equipment, hygiene and health evaluation

Wear safety glasses with side shields (or goggles), if splashing is possible.

Wear appropriate chemical resistent gloves: see section 8 of the SDS.

Wear appropriate chemical resistent clothing.

Eye wash fountain and emergency showers are recommended.

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

Avoid breathing mist/vapours.

Avoid contact with skin, eyes and clothing.

Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.











Good practice advice

Use personal protective equipment as required.

Wash hands before breaks and after work.

Keep good industrial hygiene and safety practice.

Use only with adequate ventilation.

Do no eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

Store at room temperature.





Environmental measures

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 appropriately licenced waste contractor.

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

In section 2 of the SDS as well as on the label, the classification of the product is provided.

Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.

SSMF01 English.pdf