



Safety Data Sheet

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CQ011Series[M][2]-SDS_INDONESIA-English-08.pdf

CQ011Series[Y][2]-SDS_INDONESIA-English-07.pdf



SAFETY DATA SHEET

1. Chemical product and company 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 name	CQ011Series[M][2]		
Company identification	PT. Hewlett-Packard Indonesia 9th Floor, Jl.Casablanca Kav.88 Prudential Centre Jakarta, Indonesia 12870		
Telephone	+62-21 5799-1088		
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		

Recommended use and Limitations on use

Recommended use	Inkjet printing
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2. Hazards identification

GHS classification

Physical hazards	Not classified.	
Health hazards	Sensitization, skin	Category 1
Environmental hazards	Not classified.	

Label elements

Pictogram



Signal word	Warning
Hazard statement	May cause an allergic skin reaction.

Precautionary statement

Prevention	Wear protective gloves/protective clothing/eye protection. Avoid breathing mist/vapors/spray. 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	None.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS Other hazards

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.

GHS Supplemental information None.

3. Composition / information on ingredients

Substance or mixture Mixture

Chemical property

Chemical name	CAS Number	Concentration (%)
Water	7732-18-5	75-90
Glycerol	56-81-5	<7.5

	CAS Number	Concentration (%)
Pigment red	Proprietary	<5
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05
2-methyl-2h-isothiazol-3-one	2682-20-4	<0.05

Composition comments This ink supply contains an aqueous ink formulation.

4. First aid measures

First aid measures for different exposure routes

Inhalation	Move 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.

Most important symptoms and effects Not available.

Personal protection for first-aid responders Not available.

Notes to physician Not available.

5. Fire-fighting measures

Extinguishing media Dry chemical, CO2, water spray or regular foam.

Extinguishing media to avoid None known.

Special fire fighting procedures None.

Protection of fire-fighters Not specified.

Specific methods None established.

6. Accidental release measures

Personal precautions Wear appropriate personal protective equipment.

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

Spill clean-up methods 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.

7. Handling and storage

Handling

Precautions Avoid contact with eyes, skin, and clothing.

Safe handling advice Avoid contact with skin, eyes and clothing.

Storage

Technical measures Keep out of the reach of children.
Keep away from excessive heat or cold.

Suitable storage conditions Not available.

Incompatible materials Not available.

8. Exposure controls/personal protection

Exposure limits

Indonesia. OELs (Minister of Manpower and Transmigration Regulation No. Per.13/MEN/X/2011 concerning Threshold Limit Values, Annex II)

Components	Type	Value	Form
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.

Exposure guidelines Exposure limits have not been established for this product.

Engineering measures Use in a well ventilated area.

Personal protective equipment

Respiratory protection Not available.

Hand protection Not available.

Eye protection	Not available.
Skin and body protection	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance

Physical state	Not available.
Form	Not available.
Color	Magenta
Odor	Not available.
Odor threshold	Not available.
pH	8 - 8.5
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	> 266.0 °F (> 130.0 °C) estimated
Auto-ignition temperature	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.
Vapor pressure	Not available.
Vapor density	Not available.
Evaporation rate	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other data	
Flammability (flash back)	8-8.5
Oxidizing properties	Not determined
VOC	< 120 g/l

10. Stability and reactivity

Reactivity	Not available.
Stability	Stable under recommended storage conditions.
Conditions to avoid	None.
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.
Possibility of hazardous reactions	Will not occur.

11. Toxicological information

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

Components	Species	Test Results
Glycerol (CAS 56-81-5)		
Acute		
Dermal		
LD50	Guinea pig	45 ml/kg, Days

Components	Species	Test Results
Inhalation		
<i>Vapor</i>		
LC50	Rat	4655 mg.min/l, 7 Hours
Oral		
LD50	Rat	18300 mg/kg
Routes of exposure	Not available.	
Symptoms	Not available.	
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	Non-sensitizer- Local Lymph Node Assay (OECD 429).	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Based on available data, the classification criteria are not met.	
Toxic to reproduction	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.	
Chronic effects	Not available.	
Interactive effects	Not available.	
Other information	Complete toxicity data are not available for this specific formulation	

12. Ecological information

Aquatic toxicity	This product has not been tested for ecological effects.	
Ecotoxicity	Not available.	
Persistence and degradability	Not available.	
Bioaccumulation		
Octanol/water partition coefficient log Kow		
Glycerol		-1.76
Mobility in soil	Not available.	
Other hazardous effects	Not available.	

13. Disposal considerations

Disposal methods/information	Not available.	
Local disposal regulations	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.	

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.	

15. Regulatory information

Applicable regulations

CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon, March 10, 2008)

Not regulated.

Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia, No. 472/Menkes/Per/V/1996)

Not regulated.

Import and Distribution Control of Hazardous Materials (Minister of Trade Regulation No. 75/M-DAG/PER/10/2014, Annex I)

Not listed.

Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1, Oct. 18, 2004)

Not regulated.

Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)

Not regulated.

Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)

Not regulated.

Toxic and Hazardous Materials List (Decree of the Ministry of Industry on the Safeguarding of Toxic and Hazardous Materials in Industrial Plants, No. 148/M/SK/4/1985)

Not regulated.

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.

Applicable regulations

Hazardous Substances Approved for Use (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment I)

Listed substances

GLISEROL (CAS 56-81-5)

Listed substances / Allowed until 2040

Not regulated.

16. Other information

Issued by

Company name

HP Inc.

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.

Issue date

05-Apr-2019

Revision date

17-Jan-2020

References and sources for data used to compile the SDS

Not available.

Revision information

Product and Company Identification: Synonyms
Hazards identification: Hazard statement
Hazards identification: Disposal
Hazards identification: Prevention
Hazards identification: Response
Hazards identification: GHS Signal Words
Hazards identification: GHS Symbols
Hazards identification: GHS Other hazards
Composition / Information on Ingredients: Ingredients
Composition / information on ingredients: Composition comments
Toxicological information: Skin contact
GHS: Classification

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



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1. Chemical product and company identification

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Product name CQ011Series[Y][2]

Company identification PT. Hewlett-Packard Indonesia
9th Floor, Jl.Casablanca Kav.88 Prudential Centre
Jakarta, Indonesia 12870

Telephone +62-21 5799-1088

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

Recommended use and Limitations on use

Recommended use Inkjet printing

2. Hazards identification

GHS classification

Physical hazards Not classified.

Health hazards Sensitization, skin Category 1

Environmental hazards Not classified.

Label elements

Pictogram



Signal word Warning

Hazard statement May cause an allergic skin reaction.

Precautionary statement

Prevention Wear protective gloves/protective clothing/eye protection. Avoid breathing mist/vapors/spray. 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 None.

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

GHS Other hazards

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.

GHS Supplemental information None.

3. Composition / information on ingredients

Substance or mixture Mixture

Chemical property

Chemical name	CAS Number	Concentration (%)
Water	7732-18-5	70-90
Glycerol	56-81-5	<7.5

	CAS Number	Concentration (%)
Pigment Yellow	Proprietary	<5
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05
2-methyl-2h-isothiazol-3-one	2682-20-4	<0.05

Composition comments This ink supply contains an aqueous ink formulation.

4. First aid measures

First aid measures for different exposure routes

Inhalation	Move 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.

Most important symptoms and effects Not available.

Personal protection for first-aid responders Not available.

Notes to physician Not available.

5. Fire-fighting measures

Extinguishing media Dry chemical, CO2, water spray or regular foam.

Extinguishing media to avoid None known.

Special fire fighting procedures None.

Protection of fire-fighters Not specified.

Specific methods None established.

6. Accidental release measures

Personal precautions Wear appropriate personal protective equipment.

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

Spill clean-up methods 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.

7. Handling and storage

Handling

Precautions Avoid contact with eyes, skin, and clothing.

Safe handling advice Avoid contact with skin, eyes and clothing.

Storage

Technical measures Keep out of the reach of children.
Keep away from excessive heat or cold.

Suitable storage conditions Not available.

Incompatible materials Not available.

8. Exposure controls/personal protection

Exposure limits

Indonesia. OELs (Minister of Manpower and Transmigration Regulation No. Per.13/MEN/X/2011 concerning Threshold Limit Values, Annex II)

Components	Type	Value	Form
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.

Exposure guidelines Exposure limits have not been established for this product.

Engineering measures Use in a well ventilated area.

Personal protective equipment

Respiratory protection Not available.

Hand protection Not available.

Eye protection	Not available.
Skin and body protection	Not available.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance

Physical state	Not available.
Form	Not available.
Color	Yellow
Odor	Not available.
Odor threshold	Not available.
pH	8-8.5
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	> 266.0 °F (> 130.0 °C) Calculated
Auto-ignition temperature	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.
Vapor pressure	Not available.
Vapor density	Not available.
Evaporation rate	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other data	
Oxidizing properties	Not determined
VOC	< 120 g/l estimated

10. Stability and reactivity

Reactivity	Not available.
Stability	Stable under recommended storage conditions.
Conditions to avoid	None.
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.
Possibility of hazardous reactions	Will not occur.

11. Toxicological information

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

Components	Species	Test Results
Glycerol (CAS 56-81-5)		
Acute		
Dermal		
LD50	Guinea pig	45 ml/kg, Days

Components	Species	Test Results
Inhalation		
<i>Vapor</i>		
LC50	Rat	4655 mg.min/l, 7 Hours
Oral		
LD50	Rat	18300 mg/kg
Routes of exposure	Not available.	
Symptoms	Not available.	
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	Non-sensitizer- Local Lymph Node Assay (OECD 429).	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Based on available data, the classification criteria are not met.	
Toxic to reproduction	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.	
Chronic effects	Not available.	
Interactive effects	Not available.	
Other information	Complete toxicity data are not available for this specific formulation	

12. Ecological information

Aquatic toxicity	This product has not been tested for ecological effects.	
Ecotoxicity	Not available.	
Persistence and degradability	Not available.	
Bioaccumulation		
Octanol/water partition coefficient log Kow		
Glycerol		-1.76
Mobility in soil	Not available.	
Other hazardous effects	Not available.	

13. Disposal considerations

Disposal methods/information	Not available.	
Local disposal regulations	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.	

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.	

15. Regulatory information

Applicable regulations

CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon, March 10, 2008)

Not regulated.

Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia, No. 472/Menkes/Per/V/1996)

Not regulated.

Import and Distribution Control of Hazardous Materials (Minister of Trade Regulation No. 75/M-DAG/PER/10/2014, Annex I)

Not listed.

Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1, Oct. 18, 2004)

Not regulated.

Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)

Not regulated.

Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)

Not regulated.

Toxic and Hazardous Materials List (Decree of the Ministry of Industry on the Safeguarding of Toxic and Hazardous Materials in Industrial Plants, No. 148/M/SK/4/1985)

Not regulated.

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.

Applicable regulations

Hazardous Substances Approved for Use (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment I)

Listed substances

GLISEROL (CAS 56-81-5)

Listed substances / Allowed until 2040

Not regulated.

16. Other information

Issued by

Company name

HP Inc.

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Issue date

23-Oct-2018

Revision date

17-Jan-2020

References and sources for data used to compile the SDS

Not available.

Revision information

Product and Company Identification: Synonyms
Chemical product and company identification: Important information
Hazards identification: Hazard statement
Hazards identification: Disposal
Hazards identification: Prevention
Hazards identification: Response
Hazards identification: GHS Signal Words
Hazards identification: GHS Symbols
Hazards identification: GHS Other hazards
Composition / Information on Ingredients: Ingredients
Composition / information on ingredients: Composition comments
Physical & Chemical Properties: Multiple Properties
Toxicological information: Skin contact
GHS: Classification

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