

CQ712Series[A][2]-SDS_SERBIA-English-11.pdf

CQ712Series[B][2]-SDS_SERBIA-English-06.pdf



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name or designation of the mixture CQ712Series[A][2]

Other means of identification

Synonyms HP Designjet 3D Support Removal Powder Kit A

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

Identified uses Not available.

Uses advised against None known.

Company identification

HP Computing and Printing Ltd. Belgrade
Omladinskih Brigada 90b, 1st Floor (Module N.)
Belgrade
Serbia 11070
Telephone +381-11-2014283

HP Inc. health effect line
(Toll-free within US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Inc. Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. HAZARDS IDENTIFICATION

2.1 GHS classification of substance or mixture, and national or regional information

Physical hazards Oxidizing liquids Category 2

Health hazards Acute toxicity, oral Category 4
Serious eye damage/eye irritation Category 1

Environmental hazards Not classified.

2.2 GHS label elements

Hazard symbol(s)



Signal word Danger

Hazard statement(s)

H272 May intensify fire; oxidizer.
H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary statement

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P201 - Obtain special instructions before use.
P221 - Take any precaution to avoid mixing with combustibles.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep away from clothing and other combustible materials.

P220

Response

P370 + P378 - In case of fire: Use sand, carbon dioxide (CO₂) or dry chemical to extinguish.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.

P330

Storage Not available.

Precautionary statements

Disposal

P501

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

2.3. 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| Components | CAS # | Percent |
|---------------------|--------------|----------------|
| Sodium Percarbonate | 15630-89-4 | <70 |
| Sodium Carbonate | 497-19-8 | <30 |
| Sodium Bicarbonate | 144-55-8 | <15 |

Composition comments This ink supply contains an aqueous ink formulation.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation Remove to fresh air. If symptoms persist, get medical attention.

Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

Ingestion If ingestion of a large amount does occur, seek medical attention.

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.

General information Not available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Dry chemical, CO₂, water spray or regular foam.

Unsuitable extinguishing media None known.

5.2. Special hazards arising from the substance or mixture None known.

5.3. Advice for firefighters

Special protective equipment for firefighters Not available.

Special fire fighting procedures Not available.

Specific methods None established.

General fire hazards Contact with skin and eyes may result in irritation.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Wear appropriate personal protective equipment.

For emergency responders Not available.

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

| | |
|--|---|
| 6.3. Methods and material for containment and cleaning up | 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. |
| 6.4. Reference to other sections | Not available. |

7. HANDLING AND STORAGE

| | |
|--|---|
| 7.1. Precautions for safe handling | Avoid contact with skin, eyes and clothing. |
| 7.2. Conditions for safe storage, including any incompatibilities | Keep out of the reach of children. Keep away from excessive heat or cold. |
| 7.3. Specific end use(s) | Not available. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--|---|
| 8.1. Control parameters | |
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Recommended monitoring procedures | Not available. |
| Recommended monitoring procedures | |
| Additional exposure data | Exposure limits have not been established for this product. |
| Derived no-effect level (DNEL) | Not available. |
| Predicted no effect concentrations (PNECs) | Not available. |
| Exposure guidelines | Exposure limits have not been established for this product. |
| 8.2. Exposure controls | |
| Appropriate engineering controls | Use in a well ventilated area. |
| Individual protection measures, such as personal protective equipment | |
| General information | Use personal protective equipment to minimize exposure to skin and eye. |
| Eye/face protection | Not available. |
| Skin protection | |
| - Hand protection | Not available. |
| - Other | Not available. |
| Respiratory protection | Not available. |
| Thermal hazards | Not available. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |
| Environmental exposure controls | Not available. |

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--|----------------|
| Appearance | Fine powder |
| Physical state | Solid. |
| Form | Not available. |
| Color | White. |
| Odor | Not available. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | Not available. |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |

Upper/lower flammability or explosive limits**Flammability limit - lower (%)** Not available.**Flammability limit - upper (%)** Not available.**Explosive limit - upper (%)** Not available.**Vapor pressure** Not available.**Vapor density** Not available.**Solubility(ies)****Solubility (water)** Not available.**Solubility (other)** Not available.**Partition coefficient (n-octanol/water)** Not available.**Auto-ignition temperature** Not available.**Viscosity** Not available.**Explosive properties** Not available.**Oxidizing properties** Not determined**9.2. Other information****Percent volatile** 0 % estimated

10. STABILITY AND REACTIVITY**10.1 Reactivity** Not available.**10.2. Chemical stability** Stable under recommended storage conditions.**10.3. Possibility of hazardous reactions** Will not occur.**10.4. Conditions to avoid** Not available.**10.5. Incompatible materials** Incompatible with strong bases and oxidizing agents.**10.6. Hazardous decomposition products** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. TOXICOLOGICAL INFORMATION**General information** Not available.**11.1. Information on toxicological effects****Acute toxicity** Harmful if swallowed.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Sodium Bicarbonate (CAS 144-55-8)

Acute*Oral*

LD50 Rat 4220 mg/kg

Sodium Carbonate (CAS 497-19-8)

Acute*Inhalation*

LC50 Guinea pig 0.8 mg/l, 2 Hours

Mouse 1.2 mg/l, 2 Hours

Rat 2.3 mg/l, 2 Hours

Oral

LD50 Rat 4090 mg/kg

Other

LD50 Mouse 116.6 mg/kg, 30 Days

Skin corrosion/irritation Based on available data, the classification criteria are not met.**Serious eye damage/eye irritation** Causes serious eye damage.**Respiratory sensitization** Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

| | |
|---|---|
| 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. |
| Other information | Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures. |

12. ECOLOGICAL INFORMATION

12.1. Toxicity

| Components | | Species | Test Results |
|-----------------------------------|------|--|------------------------------|
| Sodium Bicarbonate (CAS 144-55-8) | | | |
| Aquatic | | | |
| Fish | LC50 | Western mosquitofish (<i>Gambusia affinis</i>) | 7550 mg/l, 96 hours |
| Sodium Carbonate (CAS 497-19-8) | | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (<i>Ceriodaphnia dubia</i>) | 156.6 - 298.9 mg/l, 48 hours |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) | 300 mg/l, 96 hours |

12.2. Persistence and degradability Not available.

12.3. Bioaccumulative potential Not available.

Partition coefficient n-octanol/water (log Kow) Not available.

Bioconcentration factor (BCF) 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.

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 allow this material to drain into sewers/water supplies.
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

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

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

15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

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.

16. OTHER INFORMATION**List of abbreviations**

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

Not available.

Revision information

1. Product and Company Identification: Synonyms
3. Composition / Information on Ingredients: Ingredients
14. Transport Information: Material Transportation Information
15. Regulatory Information: United States
HazReg Data: International Inventories
GHS: Classification

Manufacturer information

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
Direct 1-650-857-5020

Training information

Not available.

Disclaimer

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SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name or designation of the mixture CQ712Series[B][2]

Other means of identification

Synonyms HP Designjet 3D Support Removal Powder Kit B

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

Identified uses Not available.

Uses advised against None known.

Company identification

HP Computing and Printing Ltd. Belgrade
Omladinskih Brigada 90b, 1st Floor (Module N.)
Belgrade
Serbia 11070
Telephone +381-11-2014283

HP Inc. health effect line
(Toll-free within US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Inc. Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. HAZARDS IDENTIFICATION

2.1 GHS classification of substance or mixture, and national or regional information

Physical hazards Not classified.

Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2

Environmental hazards Not classified.

2.2 GHS label elements

Hazard symbol(s)



Signal word Warning

Hazard statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement

Prevention

P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P264 - Wash hands thoroughly after handling.

Response

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.

Storage

Not available.

Precautionary statements

Disposal

Not available.

2.3. 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

| Components | CAS # | Percent |
|---|-------------|---------|
| Citric Acid | 77-92-9 | <50 |
| Tetrasodium N,n-bis(carboxylatomethyl)-l-glutamate | 051981-21-6 | <25 |

Composition comments This ink supply contains an aqueous ink formulation.

4. FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|---------------------|---|
| Inhalation | Remove to fresh air. If symptoms persist, get medical attention. |
| Skin contact | Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists. |
| Eye contact | Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention. |
| Ingestion | If ingestion of a large amount does occur, seek medical attention. |

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.

General information Not available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Dry chemical, CO ₂ , water spray or regular foam. |
| Unsuitable extinguishing media | None known. |

5.2. Special hazards arising from the substance or mixture None known.

5.3. Advice for firefighters

| | |
|--|----------------|
| Special protective equipment for firefighters | Not available. |
| Special fire fighting procedures | Not available. |

Specific methods None established.

General fire hazards Contact with skin and eyes may result in irritation.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------------------------|---|
| For non-emergency personnel | Wear appropriate personal protective equipment. |
| For emergency responders | Not available. |

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

6.3. Methods and material for containment and cleaning up 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.

6.4. Reference to other sections Not available.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities Keep out of the reach of children. Keep away from excessive heat or cold.

7.3. Specific end use(s) Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits No exposure limits noted for ingredient(s).

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

Recommended monitoring procedures Not available.

Recommended monitoring procedures

Additional exposure data Exposure limits have not been established for this product.

Derived no-effect level (DNEL) Not available.

Predicted no effect concentrations (PNECs) Not available.

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

8.2. Exposure controls

Appropriate engineering controls Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

General information Use personal protective equipment to minimize exposure to skin and eye.

Eye/face protection Not available.

Skin protection

- **Hand protection** Not available.

- **Other** Not available.

Respiratory protection Not available.

Thermal hazards Not available.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Fine powder

Physical state Solid.

Form Not available.

Color White.

Odor Not available.

Odor threshold Not available.

pH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

| | |
|--|----------------|
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Solubility (other) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Viscosity | Not available. |
| Explosive properties | Not available. |
| Oxidizing properties | Not determined |
| 9.2. Other information | |
| Percent volatile | 0 % estimated |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| 10.1 Reactivity | Not available. |
| 10.2. Chemical stability | Stable under recommended storage conditions. |
| 10.3. Possibility of hazardous reactions | Will not occur. |
| 10.4. Conditions to avoid | Not available. |
| 10.5. Incompatible materials | Incompatible with strong bases and oxidizing agents. |
| 10.6. Hazardous decomposition products | Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

11. TOXICOLOGICAL INFORMATION

General information Not available.

11.1. Information on toxicological effects

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

| Components | Species | Test Results |
|---------------------------|----------------|---------------------|
| Citric Acid (CAS 77-92-9) | | |
| Acute | | |
| <i>Intraperitoneal</i> | | |
| LD50 | Mouse | 903 mg/kg |
| | Rat | 290 mg/kg |
| <i>Oral</i> | | |
| LD50 | Mouse | 5040 mg/kg |
| | Rat | 3 mg/kg |
| <i>Other</i> | | |
| LD50 | Mouse | 42 mg/kg |
| | Rabbit | 330 mg/kg |
| | Rat | 883 mg/kg |

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

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

Respiratory or skin sensitization

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.

Other information Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. ECOLOGICAL INFORMATION

| | |
|--|--|
| 12.1. Toxicity | Not 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) | Not available. |
| Bioconcentration factor (BCF) | 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. |

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 allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. |

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

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

15.2. Chemical safety assessment See attached SUMI or GEIS document, if applicable.

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.

16. OTHER INFORMATION

| | |
|--|--|
| List of abbreviations | Not available. |
| References | Not available. |
| Information on evaluation method leading to the classification of mixture | Not available. |
| Revision information | 1. Product and Company Identification: Synonyms 3. Composition / Information on Ingredients: Ingredients 14. Transport Information: Material Transportation Information 15. Regulatory Information: Safety Phrases HazReg Data: Europe - EU GHS: Classification |
| Manufacturer information | HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 US Direct 1-650-857-5020 |
| Training information | Not available. |

Disclaimer

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