

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

### 1.1 PRODUCT IDENTIFIER

Product name: Cleaning Wide Format Ink Bottle for HP HP FB250/FB251 (CQ121A)  
Part number: HPCQ121AWF

### 1.2 IDENTIFIED USES AND USES ADVISED AGAINST

For use in: Inkjet Printers

### 1.3 SUPPLIER DETAILS

Supplier: Clover Imaging Group  
4200 Columbus Street  
Ottawa, IL 61350  
United States  
Phone number: 815-431-8100  
Fax: 815-461-8583  
Contact Hours: 08:00AM-05:00PM CST

### 1.4 EMERGENCY TELEPHONE NUMBERS

Supplier: 815-431-8100

\* This document provides safety-related information about ink/toner, in various forms, for use in copiers/printers etc.

## 2. HAZARDS IDENTIFICATION

### 2.1 INFORMATION and CLASSIFICATION

Overview: GHS classification of the mixture: GHS07 Flammable liquids. Category 4, H227. Acute Toxicity, Oral 4. H302. Acute Toxicity, Dermal 4. H312. Acute Toxicity, Inhalation 4. H332. Hazard Statements: H227: Combustible liquid. H302: Harmful if swallowed. H312: Harmful in contact with skin. H332: Harmful if inhaled. Precautionary Statements: PREVENTION: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smokin. P261: Avoid breathing dust/fumes/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. P280: Wear protective gloves/protective clothing/eye protection/face protection. RESPONSE: P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P3636: Wash contaminated clothing before use. P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell. P370+P375: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. STORAGE: P403+P235: Store in a well-ventilated place. Keep cool. P405: Store locked up. DISPOSAL: P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.2 LABEL ELEMENTS

Applicable Pictograms:



Danger Indications: Classification According to Directive 67/548/EEC and GHS: 2-Butoxyethyl Acetate: Flam.Liq: H227; AcuteTox.4: H302; AcuteTox.4: H312; Acute Tox.4: H332.

Risk Phrases: N/A

Safety Phrases: Signal word: Warning.

### 2.3 OTHER HAZARDS

PBT or vPvB: This product contains no substance considered to be very persistent nor very bioaccumulating (vPvB). This product contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS number	Weight %	OSHA PEL	ACGIH TLV	Other
2-butoxyethyl acetate	112-02-02	100			EC No. 203-933-3

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest Directives.

This section provides composition information for the specified substance/mixture.

### 4. FIRST-AID MEASURES

#### 4.1 FIRST AID MEASURES

##### 4.1.1 FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE

Inhalation:	If inhaled move to fresh air. Respiratory irritation may occur, if persists seek medical attention. If not breathing, give artificial respiration preferably mouth to mouth.
Eye contact:	Do not rub eyes. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists get medical attention.
Skin contact:	In case of contact, immediately flush skin with plenty of water while removing contaminated clothes and shoes. Wash clothing before reuse. Get medical attention if symptoms appear.
Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Get medical attention if symptoms appear.

##### 4.1.2 ADDITIONAL FIRST AID INFORMATION

Additional first aid information:	N/A
Immediate Medical Attention Required:	Treat symptomatically.

#### 4.2 SYMPTOMS AND EFFECTS

Acute Symptoms from Exposure:	N/A
Delayed Symptoms from Exposure:	N/A

#### 4.3 IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

Recommended Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide(CO2).  
Extinguishing Media Not to be Used: Do NOT use water jet.

### 5.2 SPECIAL HAZARD

Unusual Fire/Explosion Hazards: N/A  
Extinguishing Media Not to be Used: N/A

### 5.3 ADVICE FOR FIRE FIGHTERS

Avoid inhalation of smoke. Wear protective clothing and wear self-contained breathing apparatus

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

#### 6.1.1 PRECAUTIONS FOR NON-EMERGENCY PERSONNEL

Use personal protective equipment. Gloves and eye/face protection.

#### 6.1.2 ADDITIONAL FIRST AID INFORMATION

N/A

#### 6.1.3 PERSONAL PROTECTION

Wear personal protective equipment as described in Section 8.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Regulatory Information: Keep product out of sewers and watercourses.

### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP

Spill or Leak Cleanup Procedures: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling: No special precautions when used as intended. Keep containers closed. If toner, avoid creating dust. Keep away from ignition sources.

Advice on General Hygiene: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

### 7.2 CONDITIONS FOR SAFE STORAGE

Avoid high temperatures, >100°F/32°C

### 7.3 SPECIFIC END USES

Printing devices

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release in order to maintain airborne concentrations of the product below OSHA PELs (See Section 3). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

### 8.2 EXPOSURE CONTROLS

#### Respiratory protection:

IMPROPER USE OF RESPIRATORS IS DANGEROUS. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134 and 1910.137) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given work conditions, levels of airborne contamination, and sufficient levels of oxygen.

#### Eye/Face Protection:

Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

#### Hand/Skin Protection:

For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. WARNING! Air purifying respirators do not protect worker in oxygen deficient atmospheres.

#### Additional Protection:

N/A

#### Protective Clothing and Equipment:

Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear splash-proof chemical goggles and face shield when working with liquid, unless full face piece respiratory protection is worn.

#### Safety Stations:

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

#### Contaminated Equipment:

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment. Never take home contaminated clothing.

#### Comments:

Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 **DETAIL INFORMATION**

Physical state: APPEARANCE: Clear (colorless) liquid.

Color: N/A

Odor: Mild

Odor threshold: N/A

Boiling point: 192°C

Melting point: -64.6°C

Flash point: 76°C

Explosion limits: No data available.

Relative density: Vapor Density: 5.53

Auto-ignition temperature: No data available.

### 9.2 **OTHER INFORMATION**

SPECIFIC GRAVITY: .942g/cm<sup>3</sup> at 25°C. Viscosity: 1.8 mPa.s (20°C) Water Solubility: 1g/L

## 10. CHEMICAL STABILITY AND REACTIVITY

### 10.1 **Reactivity:**

**Reactivity Hazards:** None

**Data on Mixture Substances:** None

10.2 **Chemical Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

10.3 **Hazardous Polymerization:** Stable under conditions of normal use.

10.4 **Conditions to Avoid:** Keep away from heat, flame, sparks and other ignition sources.

10.5 **Incompatible Materials:** Strong oxidizing materials

10.6 **Hazardous Decomposition:** Will not occur.

### 11. INFORMATION ON TOXICOLOGICAL EFFECT

<b>Mixtures:</b>	N/A
<b>Acute Toxicity:</b>	LD50 Oral-Rat-2, 400 mg/kg Remarks: Kidney, Ureter, Bladder: Hematuria. Kidney, Ureter, Bladder: Other changes in urine composition. Inhalation: No data available. LD50 Dermal-Rabbit-1,500 mg/kg Remarks: Kidney, Ureter, Bladder: Hematuria. Kidney, Ureter, Bladder: Other changes in urine composition. Blood: Normocytic anemia. No data available.
<b>Skin Corrosion/Irritation:</b>	N/A
<b>Serious Eye Damage:</b>	Eyes - Rabbit Result: Mild eye irritation-24 h
<b>Inhalation:</b>	No data available
<b>Sensitization:</b>	No data available
<b>Mutagenicity:</b>	No data available
<b>Carcinogenicity:</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product at levels greater than or equal to 0.1% is identified as known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than 0.1% is on OSHA's list of regulated carcinogens.
<b>Reproductive Toxicity:</b>	No data available.
<b>STOT - Single Exposure:</b>	No data available.
<b>STOT - Multiple Exposure:</b>	No data available.
<b>Ingestion:</b>	Harmful if swallowed. May cause gastrointestinal irritation.
<b>Hazard Class Information:</b>	N/A
<b>Mixture on Market Data:</b>	N/A
<b>Symptoms:</b>	N/A
<b>Delayed/Immediate Effects:</b>	N/A
<b>Test Data on Mixture:</b>	N/A
<b>Not Meeting Classification:</b>	N/A
<b>Routes of Exposure:</b>	Skin absorption, breathing, ingestion, eye contact.
<b>Interactive Effects:</b>	N/A
<b>Absence of Specific Data:</b>	N/A
<b>Mixture vs Substance Data:</b>	N/A

### 12. ECOLOGICAL INFORMATION

12.1 <b>Eco toxicity:</b>	Aquatic toxicity. No further information available.
12.2 <b>Degradability:</b>	No further relevant information available.
12.3 <b>Bioaccumulation Potential:</b>	No further relevant information available.
12.4 <b>Mobility in Soil:</b>	No further relevant information available.
12.5 <b>PBT &amp; vPvB Assessment:</b>	PBT: Not applicable. vPvB: Not applicable.
12.6 <b>Other Adverse Effects:</b>	No further relevant information available.

**13. DISPOSAL CONSIDERATIONS****Disposal Information:**

Dispose of product in accordance with local authority regulations.  
Empty container retains product residue.

**Physical/Chemical Properties that affect Treatment:**

Symbol: This product is not classified as dangerous

Risk Phrases: This product is not classified according to the federal, state and local environmental regulations.

**Waste Treatment Information:**

If toner, do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

**Personal Protection Required:**

N/A

**14. TRANSPORT INFORMATION**

- 14.1 **ID Number:** UN Number: UN3082
- 14.2 **Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S. [Acrylic Monomers].
- 14.3 **Hazard Class:** ADR, IMDG, IATA - Class 9
- 14.4 **Packing Group:** III
- 14.5 **Environmental Hazards:** Yes
- 14.6 **User Precautions:** Transport and storage of the product in accordance with general precautions and instructions mentioned in this SDS.
- 14.7 **Bulk Transport:** N/A

**15. REGULATORY INFORMATION**

- 15.1 **Regulatory Information:** OSHA: This product is classified as an OSHA hazardous material. SARA 311/312 Hazards: Fire Hazard, Acute Health Hazard, Chronic Health Hazard. SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313: 2-butoxyethylacetate CAS No. 112-07-02, Rev. Date 2010-08-02

**EPA Regulatory Information:** N/A

**CERCLA Reportable Quantity:** N/A

- 15.2 **Superfund Information:**

**Hazard Categories:**

**Immediate:** N/A

**Delayed:** N/A

**Fire:** NFPA Rating: Health = 2 Fire = 2 Reactivity = 0

**Pressure:** N/A

**Reactivity:** N/A

**Section 302 - Extremely Hazardous:** N/A

**Section 311 - Hazardous:** N/A

- 15.3 **State Regulations:** CALIFORNIA PROPOSITION 65 INFORMATION: This product contains no California Proposition 65 regulated chemicals.

15.4 **Other Regulatory Information:** N/A

### 16. OTHER INFORMATION

**General Comments:** This information is based on our current knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application

**Creation Date of this SDS:** 01/04/2021



**Key to Abbreviations and Acronyms used in this sheet:**

ACGIH = American Conference of Governmental Industrial Hygienists	NIOSH = National Institute for Occupational Safety and Health
CERCLA = Comprehensive Environmental Response Compensation and Liability Act	OSHA = Occupational Health and Safety Administration
CLP = Classification, Labeling, and Packaging	PEL = Permissible Exposure Limit
DSD = Dangerous Substances Directive	SCBA = Self Contained Breathing Apparatus
EPA = Environmental Protection Agency	STOT = Specific Target Organ Toxicity
GHS = Globally Harmonized System	TLV = Threshold Limit Value
N/A = Not Applicable	UK = United Kingdom
NFPA = National Fire Protection Association	UN = United Nations

**Ref:**

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