



# SAFETY DATA SHEET

## 1. Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer

**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** CH122Series

**Other means of identification**  
**Synonym(s)** UV Printhead Flush

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## 2. Identification of the components of the substance/preparation

Substance or Preparation	Substance		
Chemical name	Synonyms	CAS number	Percent
2-(2-ethoxyethoxy)ethyl Acetate		112-15-2	100

## 3. Dangers of the dangerous substance/preparation

**Classification** R19, Xi;R36/37

**Physical hazards** May form explosive peroxides.

**Health hazards** Irritating to eyes and respiratory system.

**Environmental hazards** Not classified as an environmental hazard.

**GHS classification**

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
<b>Environmental hazards</b>	Not classified.	

### GHS label elements

#### Symbols



**Signal word** Warning

**Hazard statement** Causes skin irritation. Causes serious eye irritation.

#### Precautionary statement

##### Prevention

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

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<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>Storage</b>	None.
<b>Disposal</b>	None.
<b>Other hazards</b>	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
<b>Supplemental information</b>	None.

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#### 4. First aid instructions

##### First aid measures for different exposure routes

<b>Inhalation</b>	Move person to fresh air immediately. If symptoms persist, get immediate medical attention.
<b>Skin contact</b>	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. If irritation persists get medical attention.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Rinse mouth out with water. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.
<b>Main symptoms</b>	Not available.
<b>Personal protection for first-aid responders</b>	Not available.
<b>Notes to physician</b>	Not available.
<b>Special first aid equipment</b>	Not available.

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#### 5. Firefighting procedure

##### Extinguishing media

<b>Suitable extinguishing media</b>	CO2, water, dry chemical, or foam
<b>Extinguishing media which must not be used for safety reasons</b>	Not available.
<b>Specific hazards during fire fighting</b>	Not available.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do it without risk.
<b>Protection of fire-fighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.

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#### 6. Safety precautions

<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Small liquid spills: Flush area with flooding quantities of water.
<b>Personal precautions</b>	Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Use personal protective equipment to minimize exposure to skin and eye.

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#### 7. Handling and storage

<b>Precautions for safe handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep containers tightly closed in a cool, well-ventilated place. Store away from strong oxidizers. Keep away from heat, sparks, and flame. Keep out of the reach of children.

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#### 8. Means of reducing exposure and personal protection

<b>Engineering measures to reduce exposure</b>	Not available.
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<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	Do not breathe dust/fume/gas/mist/vapors/spray. Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
<b>Hand protection</b>	Recommended gloves: Nitrile 6 mil minimum thickness.
<b>Eye protection</b>	Wear safety glasses; chemical goggles (if splashing is possible). Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
<b>Skin and body protection</b>	Wear appropriate chemical resistant clothing. Solvent-resistant gloves. The use of butyl rubber gloves is recommended.
<b>Hygiene measures</b>	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.

## 9. Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear.
<b>Odor</b>	Solvent.
<b>pH</b>	2.2 - 3.8 Metler Toledo pH Meter. Temperature 25°C
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	423 °F (217.22 °C)
<b>Decomposition temperature</b>	Not available.
<b>Flash point</b>	> 211.0 °F (> 99.4 °C) Closed Cup EPA Method 1020
<b>Flammability</b>	Not available.
<b>Auto-ignition temperature</b>	680 °F (360 °C)
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>Vapor pressure</b>	0.13 hPa @ 20°C
<b>Density</b>	1.00 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Other information</b>	
<b>Vapor density</b>	>= 1 >= 1
<b>Viscosity</b>	1.6 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading
<b>VOC</b>	< 1000 g/L Calculated

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Heat, flames and sparks. This product may react with oxidizing agents.

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<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Incompatibility</b>	Not available.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide.
<b>Materials to avoid</b>	Not available.

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## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Inhalation may result in mild irritation to the respiratory system.
<b>Skin contact</b>	Contact with skin may result in mild irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Ingestion is not a likely route of exposure.

**Toxicological data** Not available.

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

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

### Respiratory or skin sensitization

**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.

**Chronic effects** Not available.

**Other information** Complete toxicity data are not available for this specific formulation

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## 12. Environmental information

### Ecotoxicity

**Environmental effects** Not available.

### Persistence and degradability

**Mobility in soil** Not available.

**Other information** Not available.

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## 13. Dangerous substance disposal methods

**Disposal instructions** 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.  
Dispose of in compliance with Israeli Ministry of the Environment and local regulations.

**Waste from residues / unused products** Not available.

**Contaminated packaging** Not available.

**Special precautions** Not available.

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## 14. Transport information

### DOT

**UN number** Not available.

**UN proper shipping name** Not Regulated

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<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Not available.
<b>IATA</b>	
<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	No
<b>Special precautions for user</b>	Not available.
<b>IMDG</b>	
<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not available.
<b>Transport hazard class(es)</b>	
<b>Marine pollutant</b>	No
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Not available.
<b>ADR</b>	
<b>UN number</b>	Not available.
<b>UN proper shipping name</b>	Not Regulated
<b>Transport hazard class(es)</b>	
<b>Class</b>	Not available.
<b>Subsidiary risk</b>	-
<b>Hazard No. (ADR)</b>	Not available.
<b>Tunnel restriction code</b>	Not available.
<b>Packing group</b>	Not available.
<b>Environmental hazards</b>	No
<b>Special precautions for user</b>	Not available.
<b>Further information</b>	Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

## 15. Regulatory information

### Israel regulations

**Israel. Harmful Chemicals (Hazardous Substances Law, 5753-1993, Annex 1, as amended)**

Not listed.

**Israel. Toxic Chemicals (Hazardous Substances Law, 5753-1993, Annex 2, as amended)**

Not listed.

**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.

## 16. Other information

<b>Training information</b>	Follow training instructions when handling this material.
<b>Recommended use</b>	Not available.
<b>Recommended restrictions</b>	Not available.
<b>Further information</b>	Not available.
<b>Bibliography</b>	Not available.

## Disclaimer

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## Revision information

1. Product and Company Identification: EU Poison Center  
Identification of the dangerous substance/preparation and the identity of the manufacturer, importer, agent or marketer: Important information  
Hazards Identification: EU Hazard Classifications  
Dangers of the dangerous substance/preparation: GHS Hazard Statements  
Dangers of the dangerous substance/preparation: Response  
9. Physical & Chemical Properties: Multiple Properties  
Toxicological information: Corrosivity  
14. Transport Information: Material Transportation Information  
Transport information: Further information  
HazReg Data: Europe - EU  
GHS: Classification

## Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds