1. Identification

Product identifier: CN883 Series

Other means of identification:

Synonyms:
HP PT70 Specialty Polycarbonate Scitex Solution

Recommended use:
Inkjet printing

Recommended restrictions:
None known.

Company identification:
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020

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

2. Hazard(s) identification

Physical hazards:
Flammable liquids
Category 3

Health hazards:
Acute toxicity, oral
Category 4
Acute toxicity, dermal
Category 3
Acute toxicity, inhalation
Category 3
Skin corrosion/irritation
Category 2
Serious eye damage/eye irritation
Category 2A
Sensitization, skin
Category 1
Germ cell mutagenicity
Category 2
Reproductive toxicity
Category 2
Specific target organ toxicity, single exposure
Category 1
Specific target organ toxicity, single exposure
Category 3
Specific target organ toxicity, repeated exposure
Category 1

Environmental hazards:
Not classified.

OSHA defined hazards:
Not classified.

Label elements:
Hazard symbol: None.
Signal word: None.
Hazard statement: Not available.

Precautionary statement:
Prevention: Not available.
Response: Not available.
Storage: Not available.
Disposal: Not available.

Hazard(s) not otherwise classified (HNOC):
None known.

Supplemental information:
None.
3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexanone</td>
<td></td>
<td>108-94-1</td>
<td>100</td>
</tr>
</tbody>
</table>

4. First-aid measures

**Inhalation**
- Move person to fresh air immediately.
- If not breathing, give artificial respiration or give oxygen by trained personnel.
- For breathing difficulties, oxygen may be necessary.
- Call a physician or Poison Control Centre immediately.

**Skin contact**
- Remove and isolate contaminated clothing and shoes. Wash the skin immediately with soap and water.

**Eye contact**
- In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Ingestion**
- If swallowed, seek medical advice immediately and show this container or label.
- Never give anything by mouth to an unconscious person.

**Most important symptoms/effects, acute and delayed**
- Not available.

5. Fire-fighting measures

**Suitable extinguishing media**
- Dry chemical, foam, carbon dioxide, water fog.

**Unsuitable extinguishing media**
- Do not use water jet.

**Specific hazards arising from the chemical**
- Fire will produce dense black smoke containing hazardous combustion products (see heading 10).

**Special protective equipment and precautions for firefighters**
- Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Avoid runoff into storm sewers and ditches which lead to waterways.

**Fire-fighting equipment/instructions**
- Move containers from fire area if you can do it without risk.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
- 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. Ensure adequate ventilation.

**Methods and materials for containment and cleaning up**
- Not available.

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

7. Handling and storage

**Precautions for safe handling**
- Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
- Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation.
- Wear personal protective equipment.

**Conditions for safe storage, including any incompatibilities**
- Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from strong oxidizers. Do not store near acids. Store in upright position only.
8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>Type</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>PEL</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>Type</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>STEL</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>Type</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>TWA</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Biological limit values

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td></td>
<td></td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>80 mg/l</td>
<td>1,2-Cyclohexan ediol, with hydrolysis</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<td>8 mg/l</td>
<td>Cyclohexanol, with hydrolysis</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>

* - For sampling details, please see the source document.

Exposure guidelines

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants</td>
<td>CYCLOHEXANONE (CAS 108-94-1) Can be absorbed through the skin.</td>
</tr>
<tr>
<td>US. NIOSH: Pocket Guide to Chemical Hazards</td>
<td>Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.</td>
</tr>
<tr>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A</td>
<td>Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Provide adequate ventilation. Use local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).

Thermal hazards

Not available.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Color

Clear.
Odor Characteristic.

Odor threshold Not available.
PH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling range 314.6 °F (157 °C)
Flash point 109.4 °F (43.0 °C) Closed Cup
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 - lower (%) Not available.
- Explosive limit - upper (%) Not available.

Vapor pressure 4 torr

**Solubility(ies)**
- Solubility (water) Not available.

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

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

Other information For other VOC regulatory data/information see Section 15.

**VOC (Weight %)** 1000 g/L

10. **Stability and reactivity**

Reactivity Not available.

Chemical stability Stable at normal conditions.

Possibility of hazardous reactions Not available.

Conditions to avoid Not available.

Incompatible materials Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.


11. **Toxicological information**

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

Acute toxicity Not available.

Skin corrosion/irritation Not available.

Serious eye damage/eye irritation Not available.

Respiratory or skin sensitization
- Respiratory sensitization Not available.
- Skin sensitization Not available.

Germ cell mutagenicity Not available.

Carcinogenicity
IARC Monographs. Overall Evaluation of Carcinogenicity

Cyclohexanone (CAS 108-94-1) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Not available.
Specific target organ toxicity Not available.
- single exposure
Specific target organ toxicity Not available.
- repeated exposure
Aspiration hazard Not available.

12. Ecological information

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>Aquatic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fish</td>
<td>LC50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fathead minnow (Pimephales promelas)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>481 - 578 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability Not available.
Bioaccumulative potential Not available.
Partition coefficient n-octanol / water (log Kow)
Cyclohexanone 0.81

Mobility in soil Not available.
Other adverse effects Not available.

13. Disposal considerations

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.

14. Transport information

DOT

UN number UN1915
UN proper shipping name Cyclohexanone
Transport hazard class(es) 3
Class 3
Subsidiary risk -
Packaging group III
Special precautions for user Not available.

IATA

UN number UN1915
UN proper shipping name Cyclohexanone
Transport hazard class(es) 3
Class 3
Subsidiary risk -
Packing group III
Environmental hazards No.
Special precautions for user Not available.

IMDG

UN number UN1915
UN proper shipping name Cyclohexanone
Transport hazard class(es) 3
Class 3
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant: No.
EmS: Not available.
Special precautions for user: Not available.

ADR
Proper shipping name: Cyclohexanone
Hazard class: 3
UN number: 1915
Packing group: III

15. Regulatory information
US federal regulations
All ingredients are listed or exempt
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)
Cyclohexanone (CAS 108-94-1) Listed.
SARA 304 Emergency release notification
Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.
Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance
Not listed.

SARA 311/312
Hazardous chemical
No

Other federal regulations
Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations
US. Massachusetts RTK - Substance List
Cyclohexanone (CAS 108-94-1)

US. New Jersey Worker and Community Right-to-Know Act
Cyclohexanone (CAS 108-94-1)

US. Pennsylvania Worker and Community Right-to-Know Law
Cyclohexanone (CAS 108-94-1)

US. Rhode Island RTK
Cyclohexanone (CAS 108-94-1)

US. California Proposition 65
Not listed.

Other information
VOC content (less water, less exempt compounds) = 1000 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

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, including date of preparation or last revision

Issue date 15-Aug-2016
Version # 01

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.

Revision Information
Product and Company Identification: Synonyms
Composition / Information on Ingredients
Physical & Chemical Properties: Multiple Properties
14. Transport Information: Material Transportation Information
Regulatory Information: United States
HazReg Data: Europe - EU

Manufacturer information
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628
### Explanation of abbreviations

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