



# SAFETY DATA SHEET

## 1. Identification

**GHS product identifier** CN883 Series  
**Version #** 01  
**Issue date** 14-Aug-2016  
**Recommended use** Inkjet printing  
**Recommended Restrictions** Not available.  
**Synonym(s)** HP PT70 Specialty Polycarbonate Scitex Solution  
**Manufacturer information** HP Inc.  
**Company identification** HP Deutschland GmbH  
Schickardstrasse 32, Geb. Businesspark, Boeblingen B01 (SUO07) - 1st Floor Eingang A  
Boeblingen  
Germany 71034  
  
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

### GHS classification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity (Oral)	Category 4
	Acute toxicity (Dermal)	Category 3
	Serious eye damage/eye irritation	Category 2A
<b>Environmental hazards</b>	Not classified.	

### GHS label elements

<b>Signal word</b>	None.
<b>Hazard symbols</b>	None.
<b>Hazard statement</b>	None.

### Precautionary statement

<b>Prevention</b>	None.
<b>Response</b>	None.
<b>Storage</b>	None.
<b>Disposal</b>	None.

**Other hazards which do not result in classification** None known.

**Supplemental information** None.

## 3. Composition/information on ingredients

Components	CAS #	Percent
Cyclohexanone	108-94-1	100

## 4. First aid measures

### First aid procedures

**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.

<b>Skin</b>	Remove and isolate contaminated clothing and shoes. Wash the skin immediately with soap and water.
<b>Eye</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.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label. Never give anything by mouth to an unconscious person.
<b>Most important symptoms and effects, both acute and delayed</b>	Not available.
<b>Notes to physician</b>	Not available.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry chemical, foam, carbon dioxide, water fog.
<b>Unsuitable extinguishing media</b>	Do not use water jet.
<b>Specific hazards arising from the chemical</b>	Fire will produce dense black smoke containing hazardous combustion products (see heading 10).
<b>Protective equipment and precautions for firefighters</b>	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.
<b>Protection of fire-fighters</b>	Move containers from fire area if you can do it without risk.

## 6. Accidental release measures

<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. Ensure adequate ventilation.
<b>Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for containment</b>	Not available.
<b>Methods for cleaning up</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
<b>Other information</b>	Dispose of in compliance with federal, state, and local regulations.

## 7. Handling and storage

<b>Handling</b>	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.
<b>Storage</b>	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

### Control parameters

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	STEL	50 ppm
	TWA	20 ppm

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

### Biological limit values

#### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Cyclohexanone (CAS 108-94-1)	80 mg/l	1,2-Cyclohexanediol, with hydrolysis	Urine	*
	8 mg/l	Cyclohexanol, with hydrolysis	Urine	*

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

## Exposure guidelines

### US. ACGIH Threshold Limit Values

Cyclohexanone (CAS 108-94-1)

Can be absorbed through the skin.

**Recommended monitoring procedures** Not available.

**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.

### 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** 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).

**Hand protection** Wear appropriate chemical resistant gloves.

**General hygiene considerations** Not available.

### Exposure Limits

#### US. ACGIH Threshold Limit Values

Cyclohexanone (CAS 108-94-1)

Can be absorbed through the skin.

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## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Color** Clear.

**Form** Liquid.

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/Freezing point** Not available.

**Boiling point** 314.6 °F (157 °C)

**Flash point** 109.4 °F (43.0 °C) Closed Cup

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Flammability limits in air, lower, % by volume** Not available.

**Flammability limits in air, upper, % by volume** Not available.

**Vapor pressure** 4 torr

**Vapor density** Not available.

### 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.

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

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## 10. Stability and reactivity

**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.

**Hazardous decomposition products**

Carbon monoxide and carbon dioxide. Nitrogen oxides (NOx). smoke

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**11. Toxicological information****Skin corrosion/irritation** Not available.**Serious eye damage/eye irritation** Not available.**Carcinogenicity****ACGIH Carcinogens**

Cyclohexanone (CAS 108-94-1)

A3 Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Cyclohexanone (CAS 108-94-1)

3 Not classifiable as to carcinogenicity to humans.

**Specific target organ toxicity - single exposure** Not available.**Specific target organ toxicity - repeated exposure** Not available.

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**12. Ecological information****Ecotoxicological data****Components****Species****Test Results**

Cyclohexanone (CAS 108-94-1)

**Aquatic**

Fish

LC50

Fathead minnow (*Pimephales promelas*)

481 - 578 mg/l, 96 hours

**Environmental effects** No data available for this product.**Bioaccumulation****Bioaccumulative potential****Octanol/water partition coefficient log Kow**

Cyclohexanone

0.81

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**13. Disposal considerations****Disposal methods**

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.

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**14. Transport information****DOT****UN number** UN1915**UN proper shipping name** Cyclohexanone**Transport hazard class(es)****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)****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)****Class** 3

<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Not available.

#### ADR

<b>Proper shipping name</b>	Cyclohexanone
<b>Hazard class</b>	3
<b>UN number</b>	1915
<b>Packing group</b>	III

#### DOT



#### IATA; IMDG



ADR

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## 15. Regulatory information

### 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.

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## 16. Other information

### 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.

**SDS sections updated**

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

**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

**Manufacturer information**

HP Inc.  
1501 Page Mill Road  
Palo Alto, CA 94304-1112 US  
(Direct) +972 (9) 892-4628