1. Identification

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 identifier
CN982 Series

Other means of identification
Synonyms
HP Scitex TJ100 Supreme Yellow Ink

Recommended use
Inkjet printing.

Recommended restrictions
None known.

Manufacturer/Importer/Supplier/Distributor information
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone
650-857-1501

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 4

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

Environmental hazards
Not classified.

OSHA defined hazards
Not classified.

Label elements

Signal word
Danger

Hazard statement
Combustible liquid. Harmful in contact with skin. Harmful if inhaled. Causes serious eye damage.

Precautionary statement
Prevention
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Response
In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash it before reuse.

Storage
Store in a well-ventilated place. Keep cool.
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>2-butoxyethyl acetate</td>
<td></td>
<td>112-07-2</td>
<td>&lt;70</td>
</tr>
<tr>
<td>Propylene glycol monomethyl ether</td>
<td></td>
<td>Proprietary</td>
<td>&lt;20</td>
</tr>
<tr>
<td>acetate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td></td>
<td>108-94-1</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Yellow pigment*</td>
<td></td>
<td>Proprietary*</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

Composition comments

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

*Proprietary

4. First-aid measures

Inhalation
Move person to fresh air immediately. If symptoms persist, get immediate medical attention.

Skin contact
In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. Get medical attention, if needed.

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. Get medical attention immediately.

Ingestion
Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice. -- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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

5. Fire-fighting measures

Suitable extinguishing media
Suitable extinguishing media: sand, carbon dioxide (CO2), and dry chemical.

Unsuitable extinguishing media
Not available.

Specific hazards arising from the chemical
None known.

Special protective equipment and precautions for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus. 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. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

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
Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
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>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>PEL</td>
<td></td>
<td>200 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethyl acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td></td>
<td>20 ppm</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>STEL</td>
<td></td>
<td>50 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td></td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethyl acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td></td>
<td>33 mg/m3</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>TWA</td>
<td></td>
<td>5 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>100 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. Workplace Environmental Exposure Level (WEEL) Guides</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol monomethyl ether acetate</td>
<td>TWA</td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

Biological limit values

<table>
<thead>
<tr>
<th>ACGIH Biological Exposure Indices</th>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>80 mg/l</td>
<td>1,2-Cyclohexanediol, with hydrolysis</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td></td>
<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)</th>
<th>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)</td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td></td>
<td>PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE (CAS Proprietary)</td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td>US. NIOSH: Pocket Guide to Chemical Hazards</td>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>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)</td>
<td>Can be absorbed through the skin.</td>
</tr>
</tbody>
</table>

Appropriate engineering controls

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
   Recommended gloves: Nitrile 6 mil minimum thickness.

Hand protection
   Wear appropriate chemical resistant clothing.

Other
   Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection
   Not available.

Thermal hazards
   Not available.

General hygiene considerations
   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

Appearance
   Physical state: Not available.
   Form: Liquid.
   Color: Yellow

Odor
   Odor: Solvent.
   Odor threshold: Not available.

pH
   pH: 5.8 - 6.2 Metler Toledo pH Meter

Melting point/freezing point
   Not available.

Initial boiling point and boiling range
   Not available.

Flash point
   >= 170.6 °F (>= 77.0 °C) Closed Cup EPA Method 1020

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
   Not available.

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
   13 - 14 cP Brookfield Viscometer T 22C Spindle #18 (S18) RPM 100

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

   VOC: < 878 g/L Calculated

10. Stability and reactivity

Reactivity
   Not available.

Chemical stability
   Stable at normal conditions.

Possibility of hazardous reactions
   None known.

Conditions to avoid
   Heat, flames and sparks.

Incompatible materials
   Not available.

Hazardous decomposition products
   Not available.
11. Toxicological information

Information on likely routes of exposure

- **Inhalation**: Harmful if inhaled.
- **Skin contact**: Harmful in contact with skin.
- **Eye contact**: Causes serious eye damage.
- **Ingestion**: Ingestion is not a likely route of exposure.

Symptoms related to the physical, chemical and toxicological characteristics

Information on toxicological effects

- **Acute toxicity**: Harmful if inhaled. Harmful in contact with skin.
- **Skin corrosion/irritation**: Based on available data, the classification criteria are not met.
- **Serious eye damage/eye irritation**: Causes serious eye damage.

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**
  - **IARC Monographs. Overall Evaluation of Carcinogenicity**
    - Cyclohexanone (CAS 108-94-1): Not classifiable as to carcinogenicity to humans.
    - Not regulated.
  - **US. National Toxicology Program (NTP) Report on Carcinogens**
    - Not listed.
- **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.
- **Further information**: Complete toxicity data are not available for this specific formulation.

12. Ecological information

- **Ecotoxicity**: No ecotoxicity data noted for the ingredient(s).
- **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**: NA1993
  - **UN proper shipping name**: Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate, cyclohexanone) - Not regulated in quantities less than 119 gallons
Transport hazard class(es)
Class
Subsidiary risk
Packing group
Special precautions for user
Not available.

DOT Supplemental Information
DOT Classification only applies to shipments within the US and Puerto Rico.

IATA
UN number
Not available.
UN proper shipping name
Not available.
Transport hazard class(es)
Class
Subsidiary risk
Packing group
Environmental hazards
Not available.

IMDG
UN number
Not available.
UN proper shipping name
Not available.
Transport hazard class(es)
Class
Subsidiary risk
Packing group
Transport hazard class(es)
Marine pollutant
No
EmS
Not available.

ADR
UN number
Not available.
UN proper shipping name
Not available.
Transport hazard class(es)
Class
Subsidiary risk
Hazard No. (ADR)
Tunnel restriction code
Packing group
Environmental hazards
Not available.

Further information
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

15. Regulatory information

US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.
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 regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No
SARA 302 Extremely hazardous substance
Not listed.
SARA 311/312 Hazardous chemical

No

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace
Cyclohexanone (CAS 108-94-1) Low priority

US state regulations
California Proposition 65 - WARNING: This product can expose you to chemicals including Ethyl Benzene, which is known to the State of California to cause cancer and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Other information
VOC content (less water, less exempt compounds) = < 878 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 30-Jan-2015
Revision date 13-Dec-2019
Version # 13
Other information This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Disclaimer
This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs. 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
3. Composition / Information on Ingredients: Disclosure Overrides
HazReg Data: Europe - EU
### Explanation of abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</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>