



SAFETY DATA SHEET

1. Identification of the substance or mixture

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| 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/name based on GHS | CN985 Series | |
| Other means of identification | | |
| Synonyms | HP Scitex TJ100 Supreme Light Magenta Ink | |
| Recommended use of the chemical and restrictions on use | | |
| Recommended use | Inkjet printing. | |
| Recommended restrictions | None known. | |
| Manufacturer/Importer/Supplier/Distributor information | | |
| Company identification | HP Inc. 9th Floor, Jl.Casablanca Kav.88 Prudential Centre P.C 12870 Jakarta Indonesia | |
| Telephone | +62 21 - 3042-2400 | |
| HP Inc. health effects line | | |
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| 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

| | | |
|--------------------------------|--|------------|
| Physical hazards | Flammable liquids | Category 4 |
| Health hazards | Acute toxicity, oral | Category 5 |
| | Acute toxicity, dermal | Category 4 |
| | Acute toxicity, inhalation | Category 4 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 1 |
| Environmental hazards | Not classified. | |
| Label elements | | |
| Signal word | Danger | |
| Hazard statement | Combustible liquid. Harmful in contact with skin. Harmful if inhaled. Causes serious eye damage. Causes skin irritation. May be harmful if swallowed. | |
| 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. Wash hands thoroughly after handling. | |
| 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. | |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. | |

Pictograms (hazard symbols)



Other hazards which do not result in classification

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Supplemental information

None.

3. Composition / information on ingredients

Substance or mixture

Mixture

Chemical property

| Chemical name | CAS Number | Concentration (%) |
|---|-------------|-------------------|
| 2-butoxyethyl acetate | 112-07-2 | <80 |
| Cyclohexanone | 108-94-1 | <15 |
| Propylene glycol monomethyl ether acetate | Proprietary | <5 |
| Pigment Red | Proprietary | <1 |

4. First aid measures

Description of necessary 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.

Indication of immediate medical attention and special treatment needed

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

Not applicable.

Specific / special fire-fighting procedures

Move containers from fire area if you can do it without risk.

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.

6. Accidental release (spill or leakage) 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.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Not available.

7. Handling and storage

Preventative measures for safe handling

Technical measures

Wear personal protective equipment.

| | |
|--------------------------------------|--|
| Local and general ventilation | Use with adequate ventilation. |
| Safe handling advice | Use this product with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. |
| Precautions for safe handling | Not available. |
| Conditions for safe storage | |
| Technical measures | Keep away from heat, sparks and open flame. Keep containers tightly closed in a dry, cool and well-ventilated place. |
| Suitable storage conditions | Not available. |
| Any incompatibilities | Not available. |

8. Exposure controls/personal protection

Control parameters

Indonesia. OELs (Minister of Manpower and Transmigration Regulation No. Per.13/MEN/X/2011 concerning Threshold Limit Values, Annex II)

| Components | Type | Value |
|------------------------------|------|---------------------------------|
| Cyclohexanone (CAS 108-94-1) | TWA | 100 mg/m ³ 25 ppm |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--------------------------------------|------|--------|
| 2-butoxyethyl acetate (CAS 112-07-2) | TWA | 20 ppm |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | TWA | 20 ppm |

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

Indonesia OELs: Skin designation

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

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

Hand protection Recommended gloves: Nitrile 6 mil minimum thickness.

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

Skin and body protection Wear appropriate chemical resistant clothing.

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

Empirical data of the substance or mixture

Organoleptic properties (shape, color, etc.)

| | |
|---|--|
| Physical state | Not available. |
| Form | Liquid. |
| Color | Light Magenta |
| Odor | Solvent. |
| Odor threshold | Not available. |
| 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 | >= 149.0 °F (>= 65.0 °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 | |
| VOC | < 918 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

Complete and comprehensive description of the various toxicological / health effects

| | |
|--|--|
| Acute toxicity | May be harmful if swallowed. 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 | Based on available data, the classification criteria are not met. |

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.

| | |
|---|---|
| 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. |

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 Not available.

Delayed and immediate effects and also chronic effects from short and long term exposure Not available.

Numerical measures of toxicity

| Components | Species | Test Results |
|------------------------------|---------|---------------------|
| Cyclohexanone (CAS 108-94-1) | | |
| Acute | | |
| Inhalation | | |
| <i>Vapor</i> | | |
| LC50 | Rat | > 6.2 mg/l, 4 Hours |

Interactive effects Not available.

Mixture versus substance information Not available.

Other 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

| | |
|--|------|
| Octanol/water partition coefficient log Kow | |
| Cyclohexanone | 0.81 |

Mobility in soil Not available.

Other adverse effects Not available.

13. Waste disposal

Methods of disposal Not available.

Local disposal regulations 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.

Waste from residues / unused products Not available.

Contaminated packaging Not available.

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 | Combustible |

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

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

CWC (Law of RI No. 9 of 2008 re: Prohibition on the Use of Chemicals as Chemical Weapon, March 10, 2008)

Not regulated.

Dangerous Substances that Must be Registered (Regulation of the Minister of Health of the Republic of Indonesia, No. 472/Menkes/Per/V/1996)

Not regulated.

Import and Distribution Control of Hazardous Materials (Minister of Trade Regulation No. 75/M-DAG/PER/10/2014, Annex I)

Not listed.

Precursor Chemicals (Ministry of Industry and Trade Decree No. 647/MPP/Kep/10/2004 concerning Regulation on Import of Precursors, Attachment 1, Oct. 18, 2004)

Not regulated.

Prohibited Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 1)

Not regulated.

Restricted Substances (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment II, Table 2)

Not regulated.

Toxic and Hazardous Materials List (Decree of the Ministry of Industry on the Safeguarding of Toxic and Hazardous Materials in Industrial Plants, No. 148/M/SK/4/1985)

Not regulated.

Hazardous Substances Approved for Use (Government Regulation No. 74 of 2001 regarding Management of Hazardous and Poisonous Substances, Attachment I)

Listed substances

Cyclohexanone (CAS 108-94-1)

Listed substances / Allowed until 2040

Not regulated.

International regulations

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.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Issue date 19-Jan-2018

Revision date 06-Apr-2021

Version # 06

References and sources for data used to compile the SDS Not available.

Disclaimer

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Revision information

Explanation of abbreviations

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