



SAFETY DATA SHEET

1. Product and company 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. ***
Name of the chemical	CN942 Series
Other means of identification	
Synonyms	HP Scitex XL300 Supreme Light Cyan Ink
Recommended use of the chemical and restrictions on use	
Recommended use	Inkjet printing.
Recommended restrictions	None known.
Company identification	HP Taiwan Information Technology Ltd. 10F-2, No. 66 Jing Mao 2 Road Taipei, Taipei City, Taiwan 11568
Telephone	886-2-8722-9000
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
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Email:	hpcustomer.inquiries@hp.com

2. Hazards identification

GHS Hazard classification

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, oral	Category 5
	Acute toxicity, dermal	Category 4
	Acute toxicity, inhalation	Category 4
	Serious eye damage/eye irritation	Category 1
Environmental hazards	Not classified.	

GHS Label elements

Symbols



Signal word

Danger

Hazard statement

Combustible liquid. Harmful in contact with skin. May be harmful if swallowed. 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

Keep cool.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

GHS Other hazards

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

3. Composition/information on ingredients

Mixture

Chemical name	CAS Number	Concentration (%)
2-butoxyethyl acetate	112-07-2	<70
2-methoxy-1-methylethyl acetate	108-65-6	<15
Cyclohexanone	108-94-1	<10

4. First aid measures

First aid measures for different exposure routes

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 and effects Not available.

Personal protection for first-aid responders Not available.

Notes to physician Not available.

5. Fire-fighting measures

Extinguishing media	Suitable extinguishing media: sand, carbon dioxide (CO ₂), and dry chemical.
Extinguishing media to avoid	None.
Specific hazards during fire fighting	None.
Special fire fighting procedures	Move containers from fire area if you can do it without risk.
Protection of fire-fighters	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 measures

Personal precautions	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.
Spill cleanup methods	Not available.

7. Handling and storage

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

8. Exposure controls/personal protection

Exposure limits

Taiwan. OELs. (Standards on Workplace Atmosphere of Dangerous and Hazardous Materials)

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**Taiwan OELs: Skin designation**

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

US. ACGIH Threshold Limit Values

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

Appropriate engineering controls Not available.

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

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 Light Cyan

Odor Solvent.

Odor threshold Not available.

Melting point/freezing point Not available.

pH 5.8 - 6.2 Metler Toledo pH Meter. Temperature 25°C

Boiling point, initial boiling point, and boiling range Not available.

Flammability (solid, gas) Not available.

Flash point >= 149.0 °F (>= 65.0 °C) Closed Cup EPA Method 1020

Decomposition temperature Not available.

Auto-ignition temperature 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.
Evaporation rate	Not available.
Other data	
Viscosity	9.8 - 11 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading
VOC	< 929 g/L Calculated

10. Stability and reactivity

Stability	Stable at normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None.
Hazardous decomposition products	None.

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 Not available.

Information on toxicological 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.
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IARC Monographs. Overall Evaluation of Carcinogenicity

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

12. Ecological information

Ecotoxicity No ecotoxicity data noted for the ingredient(s).

Persistence and degradability Not available.

Bioaccumulation

Bioaccumulative potential**Octanol/water partition coefficient log Kow**

Cyclohexanone 0.81

Mobility in soil Not available.**Other hazardous 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.**Residual waste** Not available.**Contaminated packaging** Not available.**Local disposal regulations** 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**

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory information**Applicable regulations****Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste**

Not listed.

Standards on Workplace Atmosphere of Dangerous and Hazardous Materials

Cyclohexanone (CAS 108-94-1) Listed.

Regulations for Governing Prevention of Organic Solvent Poisoning

Cyclohexanone (CAS 108-94-1) Type 2 Organic Solvent

GHS Classification List: GHS implementation phase 1, 2 and 3 (CLA No. 0980145063, 0990146707, and 1020146801)

2-methoxy-1-methylethyl acetate (CAS Proprietary)

Cyclohexanone (CAS 108-94-1)

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**References** Not available.

Issued by
Company name

HP Inc.

Prepared by
HP Inc.

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Issue date

19-Nov-2013

Revision date

13-Dec-2019

Revision information

Product and company identification: Important information
Hazards identification: GHS Other hazards
Composition / Information on Ingredients: Ingredients
Composition/information on ingredients: Composition comments
9. Physical & Chemical Properties: Multiple Properties
HazReg Data: Europe - EU
GHS: Classification

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