




SAFETY DATA SHEET

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1. Chemical 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 chemical (Product name)	CN949 Series
Synonym(s)	HP Scitex XL300 Classic Cyan Ink HP Japan Inc. 5F Ojima2-2-1 Koto-ku Tokyo, Japan 136-8711
Poison Information Centre Telephone	0120-50-3024 (+81) 3 5628-1101
HP Inc. health effects line (Toll-free within the US) (Direct)	1-800-457-4209 1-760-710-0048
HP Inc. Customer Care Line (Toll-free within the US) (Direct)	1-800-474-6836 1-208-323-2551
Email:	hpcustomer.inquiries@hp.com
Recommended use of the chemical and restrictions on use	
Intended use	Inkjet printing

2. Hazards identification

GHS classification	
Physical hazards	The product is not classified according to GHS.
Health hazards	Acute toxicity, inhalation Category 4 Specific target organ toxicity, single exposure Category 3 narcotic effects
Environmental hazards	The product is not classified according to GHS.
GHS label elements	
Symbols	
Signal words	Warning
Hazard statement	Harmful if inhaled. May cause drowsiness or dizziness.
Precautionary statement	
Prevention	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	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards which do not result in classification	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.
GHS Supplemental information	None.

3. Composition/information on ingredients

Substance or mixture	Mixture			
	Gazette notification			
Components	CAS Number	ENCS no.	ISHL no.	Concentration (%)
2-Butoxyethyl acetate	112-07-2	(2)-740	(2)-740	<80

	CAS Number	Gazette notification		Concentration (%)
		ENCS no.	ISHL no.	
Propylene glycol monomethyl ether acetate	Proprietary	(2)-3144	(2)-3144	<30
Pigment Blue	Proprietary	Proprietary	Proprietary	<2.5

Synonym(s) HP Scitex XL300 Classic Cyan Ink
Chemical formula C8-H16-O3 (112-07-2), C8-H16-O3 (112-07-2)

4. First aid measures

If inhaled Move to fresh air. If symptoms persist, get medical attention.
If on skin In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.
If in eyes In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.
If swallowed If swallowed, seek medical advice immediately and show this container or label.
Notes to physician Treat symptomatically.

5. Fire-fighting measures

Extinguishing media CO2, water, dry chemical, or foam
Extinguishing media to avoid Do not use a solid water stream as it may scatter and spread fire.
Special fire fighting procedures Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency measures Ensure adequate ventilation.
Environmental precautions Not available.
Methods or materials for containment and cleaning up Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. Handling and storage

Handling
Technical measures (e.g. Local and general ventilation) Not available.
Safe handling advice Use this product with adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.
Hygiene measures Keep away from food and drink. Wash hands before breaks and at the end of workday.
Storage
Safe storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.
Safe packaging materials Not available.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
2-Butoxyethyl acetate (CAS 112-07-2)	TWA	20 ppm

Biological limit values

Japan. BELs - JSOH (Japan Society of Occupational Health: Recommendation of Occupational Exposure Limits Based on Biological Monitoring)

Components	Value	Determinant	Specimen	Sampling Time
2-Butoxyethyl acetate (CAS 112-07-2)	200 mg/g	Butoxyacetic acid	Creatinine in urine	*

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

Exposure guidelines None established.

Engineering measures	Use in a well ventilated area. Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.
Personal protective equipment	
Respiratory protection	Not available.
Hand protection	Not available.
Eye protection	Avoid contact with eyes Wear safety glasses; chemical goggles (if splashing is possible).
Skin and body protection	Use personal protective equipment to minimize exposure to skin and eye.

9. Physical and chemical properties

Appearance

Physical state Not available.

Color Cyan

Odor Not available.

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

Melting point/Freezing point Not available.

Boiling point, initial boiling point, and boiling range 325.4 °F (163 °C) Estimated

Flash point 150.8 °F (66.0 °C) Setaflash Closed Tester

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 determined.

Specific gravity 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 (Coefficient of viscosity) 10 - 11 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading.

Other information

VOC < 901 g/L

10. Stability and reactivity

Reactivity Not available.

Chemical stability Stable at normal conditions

Possibility of hazardous reactions Will not occur.

Conditions to avoid None.

Incompatible materials Oxidizing agents. Strong acids and strong alkalis.

Hazardous decomposition products None known.

11. Toxicological information

Acute toxicity Harmful if inhaled.

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

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.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	May cause drowsiness or dizziness.
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.
Other information	Complete toxicity data are not available for this specific formulation.

12. Ecological information

Ecotoxicity	Not available.
Persistence and degradability	Not available.
Bioaccumulation	Not available.
Mobility in soil	Not available.
Hazardous to the ozone layer	Not available.

13. Disposal considerations

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.
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14. Transport information

DOT	
UN number	NA1993
UN proper shipping name	Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) -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.
Emergency Response Guide Number	128
Further information	Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

15. Regulatory information

Industrial Safety and Health Act

Notifiable substances

2-Butoxyethyl acetate 0 - 80 %

Labeling substances

2-Butoxyethyl acetate 0 - 80 %

Poisonous and Deleterious Substances Control Act

Specified poisonous substances

Not regulated.

Poisonous substances

Not regulated.

Deleterious substances

Not regulated.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

Class I specified chemical substances

Not regulated.

Class II specified chemical substances

Not regulated.

Monitoring chemical substances

Not regulated.

Priority Assessment Chemical Substances (PACs)

2-BUTOXYETHYL ACETATE

Reporting Exempted Substances

Not regulated.

Law concerning Pollutant Release and Transfer Register

Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 2 substances (substance name, ordinance number and content)

Not regulated.

Fire Service Act

Class 4 Group 2 oils (Non-water soluble) Hazard rank III

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Not regulated.

Air Law, Enforcement Rule

Not regulated.

Explosives Control Act

Not regulated.

Act on Prevention of Marine Pollution and Maritime Disaster

ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE

Category: Y

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

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

Chemical and company identification: Important information
Hazards identification: Prevention
Hazards identification: Other hazards which do not result in classification
Composition / Information on Ingredients: Ingredients
Composition/information on ingredients: Composition comments
Physical & Chemical Properties: Multiple Properties
Stability and reactivity: Incompatible materials
14. Transport Information: Material Transportation Information
Transport information: Further information
15. Regulatory Information: United States
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