



SAFETY DATA SHEET

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. ***
Name of the substance or mixture (trade name)	CN949 Series
Synonyms	HP Scitex XL300 Classic Cyan Ink
Major recommended uses for the substance or mixture	Inkjet printing
Specific restrictions for use of the substance or mixture	Not available.
Manufacturer/Importer/Distributor information	
Company identification	HP Colombia SAS Carrera 7 No 99-53 Torre B Pisos 7 Bogota, Colombia
Telephone	(57) 1 639 0000
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. Hazards identification

Classification of the substance or mixture

Physical hazards	Flammable liquids	Category 4
Health hazards	Acute toxicity, oral	Category 5
	Acute toxicity, dermal	Category 5
	Acute toxicity, inhalation	Category 4
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
Environmental hazards	Not classified.	

GHS labeling elements, including precautionary statements

Hazard symbol(s)	
Signal word	Warning
Hazard statement(s)	Combustible liquid. Harmful if inhaled. May be harmful in contact with skin. May be harmful if swallowed. May cause drowsiness or dizziness.
Precautionary statement(s)	
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 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. Keep cool. 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

Mixture

Common chemical name or technical name	CAS number	Concentration or concentration range
2-Butoxyethyl acetate	112-07-2	<80
Propylene glycol monomethyl ether acetate	Proprietary	<30
Pigment Blue	Proprietary	<2.5

4. First-aid measures

First-aid measures

Inhalation	Move to fresh air. If symptoms persist, get medical attention.
Skin contact	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.
Eye contact	In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

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

Notes to physician Treat symptomatically.

5. Fire-fighting measures

Means of fire extinguishing

Suitable extinguishing media	CO2, water, dry chemical, or foam
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

Unusual fire & explosion hazards None known.

Specific hazards arising from the chemical Not available.

Special fire fighting procedures Firefighters should wear full protective clothing including self contained breathing apparatus.

Protective measures taken by firefighting crews Not available.

Hazardous combustion products Carbon monoxide and carbon dioxide.

6. Control measures for spills and leaks

Personal precautions, protective equipment and emergency procedures

To be taken by those who are not involved in rendering emergency services Ensure adequate ventilation.

To be taken by those who are involved in rendering emergency services Not available.

Environmental precautions Not available.

Methods and 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).

Other issues relating to spills and releases Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

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.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

US. ACGIH Threshold Limit Values

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

Colombia. OELs. Resolution No. 02400: Norms Concerning Working Conditions, Health and Safety in the Workplace

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

Ecuador. OELs (INEN 2266:2013, 2013-01 2nd rev.: Transport, storage and handling of hazardous materials. Requirements. 1st ed., 1/29, 2013)

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

Paraguay. Decree No. 14.390/92 that approves the General Technical Regulation of Safety, Hygiene and Medicine in the Workplace

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

Peru. OELs. Decreto Supremo 015-2005-SA (Reglamento sobre Valores Limites Permisibles para Agentes Químicos en el Ambiente de Trabajo)

Components	Type	Value
2-Butoxyethyl acetate (CAS 112-07-2)	STEL	50 ppm
	TWA	131 mg/m3 20 ppm
Propylene glycol monomethyl ether acetate	STEL	550 mg/m3
	TWA	100 ppm 275 mg/m3 50 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines None established.

Appropriate engineering controls 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 measures

Eyes and face protection Avoid contact with eyes
Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection

Hand protection Not available.

Other Use personal protective equipment to minimize exposure to skin and eye.

Respiratory protection Not available.

Thermal hazards Not available.

Hygiene measures Keep away from food and drink. Wash hands before breaks and at the end of workday.

9. Physical and chemical properties

Appearance Liquid.

Physical state	Not available.
Form	Not available.
Color	Cyan
Odor	Not available.
Odor threshold	Not available.
pH	5.8 - 6.2 Metler Toledo pH Meter. Temperature 25°C
Melting point/freezing point	Not available.
Initial boiling point and boiling temperature range	325.4 °F (163 °C) Estimated
Flash point	150.8 °F (66.0 °C) Setaflash Closed Tester
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 determined.
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	10 - 11 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading.
Other physical and chemical parameters	
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	Not available.
Incompatible materials	Oxidizing agents. Strong acids and strong alkalis.
Hazardous decomposition products	None known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Harmful if inhaled.
Skin contact	Contact with skin may result in mild irritation.
Eye contact	Contact with eyes may result in mild irritation.
Ingestion	Ingestion is not a likely route of exposure.
Symptoms	Not available.
Acute toxicity	Harmful if inhaled. May be harmful if swallowed. May be harmful in contact with skin.
Skin irritation and corrosion	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.

Colombia. OELs. Resolution No. 02400: Norms Concerning Working Conditions, Health and Safety in the Workplace

2-Butoxyethyl acetate (CAS 112-07-2) A3 Animal carcinogen.

Ecuador. OELs (INEN 2266:2013, 2013-01 2nd rev.: Transport, storage and handling of hazardous materials.

Requirements. 1st ed., 1/29, 2013)

2-Butoxyethyl acetate (CAS 112-07-2) Group A3 Confirmed animal carcinogen with unknown relevance to humans.

Paraguay. Decree No. 14.390/92 that approves the General Technical Regulation of Safety, Hygiene and Medicine in the Workplace

2-Butoxyethyl acetate (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.

Toxic to reproduction	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	No ecotoxicity data noted for the ingredient(s).
Persistence and degradability	Not available.
Bioaccumulative potential	
Partition coefficient n-octanol / water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Considerations on final disposal

Recommended methods for final destination

Residual waste	Not available.
Contaminated packaging	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.

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.

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

15. Regulatory information

Federal regulations

Colombia. Controlled Substances (Resolution No. 009 of 1987 nationally regulating the transport & use of substances in subparagraph. f) of article 20 of Law 30 of 1986, as amended)

Not listed.

Venezuela. Chemical Precursors (Official Gazette No. 34.741, List I & II)

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.

Montreal Protocol

Not applicable.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

16. Other information

Significant information, yet not specifically related to the previous sections Not available.

Revision information

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

Disclaimer

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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