



MATERIAL SAFETY DATA SHEET

1. Chemical product and company identification

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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. *** |
| A. Product name | CN938 Series |
| Other means of identification | |
| Synonym(s) | HP Scitex XL300 Supreme Cyan Ink |
| B. Recommended use and Limitations on use | |
| Recommended use | Inkjet printing. |
| C. Supplier information | |
| | HP Korea House 23-6 Yoido-dong Youngdeungpo-gu Seoul 150-742, Korea |
| Telephone | (02) 2199-0114 |
| 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

A. Hazard category/Classification

| | | |
|------------------------------|---|-----------------------------|
| Physical hazards | Not classified. | |
| Health hazards | Acute toxicity, inhalation | Category 4 |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| Environmental hazards | Not classified. | |

B. Warning label items including precautionary statement

• Pictogram



• Signal word

Warning

• Hazard statement

H332 Harmful if inhaled.
H336 May cause drowsiness or dizziness.

• Precautionary statement

Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 Use only outdoors or in a well-ventilated area.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P312 Call a poison center/doctor if you feel unwell.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405

Store locked up.

Disposal

P501

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

C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)

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

Supplemental information

None.

3. Composition/information on ingredients

| Chemical identity | Common and alternative names | CAS number | ID number | Content in percent (%) |
|---------------------------------|------------------------------|------------|-----------|------------------------|
| 2-butoxyethyl acetate | | 112-07-2 | KE-04135 | <70 |
| 2-methoxy-1-methylethyl acetate | | 108-65-6 | KE-23315 | <25 |

4. First aid measures

| | |
|-----------------------------------|---|
| A. In case of 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. |
| B. In case of 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. |
| C. In case of inhalation | Move person to fresh air immediately. If symptoms persist, get immediate medical attention. |
| D. In case of swallowing | 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. |
| E. Note to physician | Not available. |

5. Fire-fighting measures**A. Suitable (and unsuitable) extinguishing media**

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

Unsuitable extinguishing media Not available.

B. Specific hazards arising from the chemical (example: hazardous combustion products) Not available.

C. Specific methods of fire-fighting

Special protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

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

6. Accidental release measures

| | |
|---|--|
| A. Personal precautions, protective equipment and emergency measures | 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. |
| B. Environmental precautions | Do not flush into surface water or sanitary sewer system. |
| C. Methods and materials for containment and cleaning up | Not available. |

7. Handling and storage

| | |
|---|---|
| A. 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. |
| B. 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

A. Exposure limit values, biological limit values, etc

Korea. OELs. Standards for Exposure to Chemical Substances and Physically Hazardous Factors

| Components | Type | Value |
|--------------------------------------|------|-----------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | TWA | 131 mg/m ³ |
| | | 20 ppm |

US. ACGIH Threshold Limit Values

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

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

B. Appropriate engineering controls Not available.

C. Personal protective equipment

- **Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
- **Eye protection** Wear safety glasses; chemical goggles (if splashing is possible).
Eye wash fountain and emergency showers are recommended.
- **Hand protection** Wear appropriate chemical resistant gloves.
- **Body protection** Wear appropriate chemical resistant clothing.

Hygiene measures 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

A. Appearance

Physical state Not available.

Form Liquid.

Color Cyan

B. Odor Solvent.

C. Odor threshold Not available.

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

E. Melting point/freezing point Not available.

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

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

H. Evaporation rate Not available.

I. Flammability (solid, gas) Not available.

J. Upper/lower limit on flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

K. Vapor pressure Not available.

L. Solubility

Solubility (water) Not available.

M. Vapor density Not available.

N. Specific gravity Not available.

O. n-octanol/water partition coefficient Not available.

P. Auto-ignition temperature Not available.

Q. Decomposition temperature Not available.

| | |
|----------------------------|---|
| R. Viscosity | 10 - 11.2 cP Brookfield Viscometer (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading |
| S. Molecular weight | Not available. |
| Other data | |
| VOC | < 898 g/L Calculated |

10. Stability and reactivity

A. Stability and hazardous reaction potential

| | |
|-------------------------------------|------------------------------|
| Stability | Stable at normal conditions. |
| Hazardous reaction potential | None known. |

B. Conditions to avoid (e.g. static discharge, shock or vibration, etc) Heat, flames and sparks.

C. Incompatible materials Not available.

D. Hazardous decomposition products Not available.

11. Toxicological information

A. Information on likely routes of exposure

- **Respiratory organs** Harmful if inhaled.
- **Skin** Contact with skin may result in mild irritation.
- **Eyes** Contact with eyes may result in mild irritation.
- **Mouth** Ingestion is not a likely route of exposure.

B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)** Harmful if inhaled.
- **Corrosivity or irritation to the skin** 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 sensitization** Based on available data, the classification criteria are not met.
- **Skin sensitization** Based on available data, the classification criteria are not met.
- **Carcinogenic properties /Carcinogenicity** Based on available data, the classification criteria are not met.
- **Mutagenic properties /Mutagenicity** 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.

12. Ecological information

| | |
|-------------------------------------|--------------------|
| A. Ecotoxicity | No data available. |
| B. Persistence/degradability | Not available. |
| C. Bioaccumulative potential | Not available. |
| D. Mobility in soil | Not available. |
| E. Other adverse effects | Not available. |

13. Disposal considerations

| | |
|------------------------------|--|
| A. Method of disposal | 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. |
|------------------------------|--|

B. Disposal considerations (including disposal of contaminated containers or packaging) Not available.

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

A. Restrictions under the Industrial Safety and Health Law

Harmful Substances Prohibited from Manufacturing

Not regulated.

Harmful Substances Requiring Permission for Manufacture or Use

Not regulated.

Controlled Hazardous Substances

2-butoxyethyl acetate (CAS 112-07-2)

Harmful Substances Requiring Special Medical Examination

2-butoxyethyl acetate (CAS 112-07-2)

Workplace Environmental Monitoring Harmful Materials

2-butoxyethyl acetate (CAS 112-07-2)

Occupational Exposure Limit

2-butoxyethyl acetate (CAS 112-07-2)

B. Restrictions under the Chemicals Control Law (Previously Toxic Chemicals Control Law)

Accidental Release Prevention Substances

Not regulated.

Act on the Registration and Evaluation of Chemicals

Banned Toxic Chemicals

Not regulated.

Designated Existing Chemicals Subject to Registration (PEC) (MoE No. 2015-92)

Not listed.

Restricted Chemical Substances

Not regulated.

Toxic Chemicals

Not regulated.

C. Restrictions under the Dangerous Substance Safety Management Act

D. Restrictions under the Wastes Control Act

Halogenated Materials in Waste Organic Solvents

Not regulated.

Hazardous Substances

Not regulated.

E. Restrictions under other foreign or domestic laws

Clean Air Conservation Act

Air Pollutants

Not regulated.

Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides (Rules on PIC, MoE No. 2014-252, Dec. 31, 2014; Standards for Pesticides, RDA No. 2014-26), as amended

Not listed.

Specific Air Pollutants

Not regulated.

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

A. Source of information

Not available.

B. Issue date

02-Jun-2013

C. Number of revisions and date of most recent revision

25-Aug-2020 (07 revision)

D. Other

Not available.

Disclaimer

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Revision information

3. Composition / Information on Ingredients: Ingredients

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 |