



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 | CN951 Series | |
| Synonym(s) | HP Scitex XL300 Classic Yellow 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

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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.

GHS 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 | <30 |

4. First aid measures

- A. In case of 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.
- B. In case of 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.
- C. In case of inhalation** Move to fresh air. If symptoms persist, get medical attention.
- D. In case of swallowing** If swallowed, seek medical advice immediately and show this container or label.
- E. Note to physician** Treat symptomatically.
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5. Fire-fighting measures

- A. Suitable (and unsuitable) extinguishing media**
- 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.
- B. Specific hazards arising from the chemical (example: hazardous combustion products)** Not available.
- C. Specific methods of fire-fighting**
- Special fire fighting procedures** Firefighters should wear full protective clothing including self contained breathing apparatus.
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6. Accidental release measures

- A. Personal precautions, protective equipment and emergency measures** Ensure adequate ventilation.
- B. Environmental precautions** Not available.
- C. 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).
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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.
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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).

Exposure guidelines

None established.

B. 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.

C. Personal protective equipment• **Respiratory protection**

Not available.

• **Eye protection**

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

• **Hand protection**

Not available.

• **Body protection**

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

Hygiene measures

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

9. Physical and chemical properties**A. Appearance****Physical state**

Not available.

Form

Not available.

Color

Yellow

B. Odor

Not available.

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

325.4 °F (163 °C) Estimated

G. Flash point

150.8 °F (66.0 °C) Setaflash Closed Tester

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 determined.

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

10.2 - 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**

< 901 g/L

10. Stability and reactivity**A. Stability and hazardous reaction potential****Stability**

Stable at normal conditions

| | |
|--|--|
| Hazardous reaction potential | Will not occur. |
| B. Conditions to avoid (e.g. static discharge, shock or vibration, etc) | Not available. |
| C. Incompatible materials | Oxidizing agents. Strong acids and strong alkalis. |
| D. Hazardous decomposition products | None known. |

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**

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

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

ETHYLENE GLYCOL MONOBUTYL ACETATE (CAS 112-07-2)

Harmful Substances Requiring Special Medical Examination

2-BUTOXYETHANOLACETATE (CAS 112-07-2)

Workplace Environmental Monitoring Harmful Materials

ETHYLENE GLYCOL MONO BUTYL ACETATE (CAS 112-07-2)

Occupational Exposure Limit

ETHYLENEGLYCOL MONOBUTYL ETHERACETATE (CAS 112-07-2)

B. Restrictions under the Chemicals Control Law (Previously Toxic Chemicals Control Law)**Accidental Release Prevention Substances**

Not regulated.

Observational 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.

Specific Air Pollutants

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.

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 | 04-May-2015 |
| C. Number of revisions and date of most recent revision | 13-Dec-2019 (04 revision) |
| D. Other | Not available. |

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Revision information

Chemical product and company identification: Important information
Hazards identification: Prevention
Hazards identification: C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)
3. Composition / Information on Ingredients: Ingredients
Composition/information on ingredients: Composition comments
9. Physical & Chemical Properties: Multiple Properties
Stability and reactivity: C. Incompatible materials
HazReg Data: Europe - EU

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 |