



# SAFETY DATA SHEET

## Section 1. Identification of the chemical and information on the person placing the chemical on the market

### 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. \*\*\*

### 1.1. Chemical identification

CN942 Series

### Other means of identification

**Synonyms** HP Scitex XL300 Supreme Light Cyan Ink

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Inkjet printing.

**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

HP Computing and Printing d.o.o., Omladinskih Brigada 90b, Belgrade  
Serbia 11070

HP Europe B.V.  
PO Box 667  
1180 AR Amstelveen  
The Netherlands  
+31 20 721 3400

### Telephone

### HP Inc. health effect line

(Toll-free within 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

**1.4 Emergency telephone number** 1-760-710-0048

## Section 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Physical hazards** Not classified.

**Health hazards** Acute toxicity, dermal Category 4

Acute toxicity, inhalation Category 4

Serious eye damage/eye irritation Category 1

**Environmental hazards** Not classified.

### 2.2. Label elements

#### Hazard pictograms



**Signal word** Danger

#### Hazard statements

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H318 Causes serious eye damage.

### Precautionary statements

#### Prevention

Material name: CN942 Series

11445 Version #: 05 Revision date: 16-Apr-2021 Issue date: 19-Oct-2016

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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.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 Call a poison center/doctor if you feel unwell.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

#### Storage

Not available.

#### Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

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

#### Supplemental information

None.

## Section 3. Composition/information on ingredients

### 3.2. Mixtures

#### General information

| Chemical name                   | %   | CAS-No. / EC No.      | REACH Registration No. | Index No.    | Notes |
|---------------------------------|---|-----------------------|------------------------|--------------|-------|
| 2-butoxyethyl acetate           | <70   | 112-07-2<br>203-933-3 | 01-2119475112-47-XXXX  | 607-038-00-2 | #     |
| <b>Classification:</b>          | -   |                       |                        |              |       |
| 2-methoxy-1-methylethyl acetate | <15   | 108-65-6<br>203-603-9 | 01-2119475791-29-XXXX  | 607-195-00-7 | #     |
| <b>Classification:</b>          | Flam. Liq. 3;H226   |                       |                        |              |       |
| Cyclohexanone                   | <10   | 108-94-1<br>203-631-1 | 01-2119453616-35-XXXX  | 606-010-00-7 | #     |
| <b>Classification:</b>          | Flam. Liq. 3;H226, Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Irrit. 2;H315, Eye Dam. 1;H318, Acute Tox. 4;H332 |                       |                        |              |       |

## Section 4. First aid measures

### 4.1. Description of first aid measures

**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.

### 4.2. Most important symptoms and effects, both acute and delayed

Not available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Not available.

#### General information

Not available.

## Section 5. Fire fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Suitable extinguishing media: sand, carbon dioxide (CO<sub>2</sub>), and dry chemical.

**Unsuitable extinguishing media** Not available.

### 5.2. Special hazards arising from the substance or mixture

Not available.

### 5.3. Advice for firefighters

#### 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.

#### General fire hazards

Not available.

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## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

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.

#### For emergency responders

Not available.

### 6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

### 6.3. Methods and material for containment and cleaning up

Not available.

### 6.4. Reference to other sections

Not available.

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## Section 7. Handling and storage

### 7.1. 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.

### 7.2. 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.

### 7.3. Specific end use(s)

Not available.

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## Section 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Serbia. Binding OELs. Regulation on Preventive Measures for Safe and Healthy Work when Exposed to Chemical Substances (No. 110-00-00004/2009-01)

| Components                                     | Type | Value                            |
|--|------|----------------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2)           | OEL  | 133 mg/m <sup>3</sup>            |
|  |      | 20 ppm                           |
|  | STEL | 333 mg/m <sup>3</sup><br>50 ppm  |
| 2-methoxy-1-methylethyl acetate (CAS 108-65-6) | OEL  | 275 mg/m <sup>3</sup>            |
|  |      | 50 ppm                           |
|  | STEL | 550 mg/m <sup>3</sup><br>100 ppm |
| Cyclohexanone (CAS 108-94-1)                   | OEL  | 40.8 mg/m <sup>3</sup>           |
|  |      | 10 ppm                           |
|  | STEL | 81.6 mg/m <sup>3</sup><br>20 ppm |

##### Serbia. OELs. Yugoslav Standard JUS Z.B0.001, 1991; Reg. No. 15/01-149/52 of 23 May 1991 on maximum allowable concentration of airborne toxic gases, vapors & aerosols in working premises

| Components                   | Type | Value                 |
|------------------------------|------|-----------------------|
| Cyclohexanone (CAS 108-94-1) | MAC  | 100 mg/m <sup>3</sup> |

#### Biological limit values

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

#### Recommended monitoring procedures

Not available.

### Derived no effect levels (DNELs)

| Components                                     | Type    | Route      | Value        | Form                      |
|--|---------|------------|--------------|---------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2)           | Workers | Dermal     | 169 mg/kg    | Systemic long term        |
|  |         | Dermal     | 120 mg/kg    | Systemic acute short term |
|  |         | Inhalation | 333 mg/m3    | Local acute short term    |
|  |         | Inhalation | 133 mg/m3    | Systemic long term        |
| 2-methoxy-1-methylethyl acetate (CAS 108-65-6) | Workers | Dermal     | 796 mg/kg    | Systemic long term        |
| Cyclohexanone (CAS 108-94-1)                   | Workers | Inhalation | 275 mg/m3    | Systemic long term        |
|  |         | Dermal     | 4 mg/kg bw/d | Systemic Long Term        |
|  |         | Dermal     | 4 mg/kg bw/d | Systemic Short Term       |
|  |         | Inhalation | 80 mg/m3     | Local short term          |
|  |         | Inhalation | 80 mg/m3     | Systemic short term       |
|  |         | Inhalation | 40 mg/m3     | Local long term           |
|  |         | Inhalation | 40 mg/m3     | Systemic long term        |

### Predicted no effect concentrations (PNECs)

| Components                           | Type           | Route  | Value          | Form                   |
|--------------------------------------|----------------|--|----------------|------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2) | Not applicable | Freshwater                                     | 0.304 mg/l     | Releases               |
|                                      |                | Intermittent                                   | 0.56 mg/l      |                        |
|                                      |                | Marine water                                   | 0.0304 mg/l    | Food poisoning         |
|                                      |                | Secondary                                      | 0.06 g/kg      |                        |
|                                      |                | Sediment                                       | 2.03 mg/kg     | Freshwater             |
|                                      |                | Sediment                                       | 0.203 mg/kg    | Marine water           |
|                                      |                | Soil   | 0.42 mg/kg     | Sewage Treatment Plant |
|                                      |                | STP  | 90 mg/l        |                        |
|                                      |                | Freshwater                                     | 0.635 mg/l     |                        |
|                                      |                | 2-methoxy-1-methylethyl acetate (CAS 108-65-6) | Not applicable | Intermittent           |
| Marine water                         | 0.0635 mg/l    |  |                | Freshwater             |
| Sediment                             | 3.29 mg/kg     |  |                |                        |
| Sediment                             | 0.329 mg/kg    |  |                | Marine water           |
| Soil                                 | 0.29 mg/kg     |  |                | Sewage Treatment Plant |
| STP                                  | 100 mg/l       |  |                |                        |
| Intermittent                         | 0.329 mg/l     |  |                |                        |
| Cyclohexanone (CAS 108-94-1)         | Not applicable | Marine water                                   | 0.00329 mg/l   | Freshwater             |
|                                      |                | Sediment                                       | 0.168 mg/kg    |                        |
|                                      |                | Sediment                                       | 0.0168 mg/kg   | Marine water           |
|                                      |                | Soil   | 0.0143 mg/kg   | Sewage Treatment Plant |
|                                      |                | STP  | 10 mg/l        |                        |
|                                      |                | Intermittent                                   | 0.329 mg/l     |                        |

### Exposure guidelines

#### Serbia Binding OELs: Substance can adversely affect skin

|   |                                      |
|---|--------------------------------------|
| 2-butoxyethyl acetate (CAS 112-07-2)              | Substance can adversely affect skin. |
| 2-methoxy-1-methylethyl acetate (CAS Proprietary) | Substance can adversely affect skin. |
| Cyclohexanone (CAS 108-94-1)                      | Substance can adversely affect skin. |

### 8.2. Exposure controls

**Appropriate engineering controls** Not available.

#### Individual protection measures, such as personal protective equipment

|                               |   |
|-------------------------------|---|
| <b>General information</b>    | Not available.  |
| <b>Eye/face protection</b>    | Wear safety glasses; chemical goggles (if splashing is possible).<br>Eye wash fountain and emergency showers are recommended.   |
| <b>Skin protection</b>        |   |
| - Hand protection             | Wear appropriate chemical resistant gloves.   |
| - Other                       | Wear appropriate chemical resistant clothing.   |
| <b>Respiratory protection</b> | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.  |
| <b>Thermal hazards</b>        | Not available.  |
| <b>Hygiene measures</b>       | Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.<br>When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.<br>Launder contaminated clothing before reuse. |

Environmental exposure controls Not available.

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## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Physical state Not available.

Form Liquid.

Color Light Cyan

Odor Solvent.

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 range Not available.

Flash point  $\geq 149.0$  °F ( $\geq 65.0$  °C) Closed Cup EPA Method 1020

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.

Vapor pressure Not available.

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 9.8 - 11 cP Brookfield Viscometer ( $\pm 0.5$ ) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading

Explosive properties Not available.

Oxidizing properties Not available.

### 9.2. Other information

VOC  $< 929$  g/L Calculated

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## Section 10. Stability and reactivity

10.1. Reactivity Not available.

10.2. Chemical stability Stable at normal conditions.

10.3. Possibility of hazardous reactions None known.

10.4. Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials Not available.

10.6. Hazardous decomposition products Not available.

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## Section 11. Toxicological information

General information Not available.

#### 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.

### 11.1. Information on toxicological effects

| <b>Acute toxicity</b>   | Harmful if inhaled. Harmful in contact with skin.                       |                     |
|---|---|---------------------|
| <b>Components</b>   | <b>Species</b>  | <b>Test Results</b> |
| Cyclohexanone (CAS 108-94-1)                                  |   |                     |
| <b>Acute</b>  |   |                     |
| <b>Inhalation</b>   |   |                     |
| <i>Vapor</i>  |   |                     |
| LC50  | Rat   | > 6.2 mg/l, 4 Hours |
| <b>Skin corrosion/irritation</b>                              | Based on available data, the classification criteria are not met.       |                     |
| <b>Serious eye damage/eye irritation</b>                      | Causes serious eye damage.  |                     |
| <b>Respiratory or skin sensitization</b>                      |   |                     |
| <b>Respiratory sensitization</b>                              | Based on available data, the classification criteria are not met.       |                     |
| <b>Skin sensitization</b>                                     | Based on available data, the classification criteria are not met.       |                     |
| <b>Germ cell mutagenicity</b>                                 | Based on available data, the classification criteria are not met.       |                     |
| <b>Carcinogenicity</b>  | Based on available data, the classification criteria are not met.       |                     |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b> |   |                     |
| Cyclohexanone (CAS 108-94-1)                                  | 3 Not classifiable as to carcinogenicity to humans.                     |                     |
| <b>Reproductive toxicity</b>                                  | Based on available data, the classification criteria are not met.       |                     |
| <b>Specific target organ toxicity - single exposure</b>       | Based on available data, the classification criteria are not met.       |                     |
| <b>Specific target organ toxicity - repeated exposure</b>     | Based on available data, the classification criteria are not met.       |                     |
| <b>Aspiration hazard</b>                                      | Based on available data, the classification criteria are not met.       |                     |
| <b>Mixture versus substance information</b>                   | Not available.  |                     |
| <b>Other information</b>                                      | Complete toxicity data are not available for this specific formulation. |                     |

## Section 12. Ecotoxicological information

|  |   |  |
|--|---|--|
| <b>12.1. Toxicity</b>                                  | No toxicity data noted for the ingredient(s). |  |
| <b>12.2. Persistence and degradability</b>             | Not available.                                |  |
| <b>12.3. Bioaccumulative potential</b>                 | Not available.                                |  |
| <b>Partition coefficient n-octanol/water (log Kow)</b> |   |  |
| Cyclohexanone  | 0.81  |  |
| <b>Bioconcentration factor (BCF)</b>                   | Not available.                                |  |
| <b>12.4. Mobility in soil</b>                          | Not available.                                |  |
| <b>12.5. Results of PBT and vPvB assessment</b>        | Not a PBT or vPvB substance or mixture.       |  |
| <b>12.6. Other adverse effects</b>                     | Not available.                                |  |

## Section 13. Disposal

|                                      |  |  |
|--------------------------------------|--|--|
| <b>13.1. Waste treatment methods</b> |  |  |
| <b>Residual waste</b>                | Not available.   |  |
| <b>Contaminated packaging</b>        | Not available.   |  |
| <b>EU waste code</b>                 | Not available.   |  |
| <b>Disposal methods/information</b>  | Do not dispose of together with general office waste.<br>Do not allow this material to drain into sewers/water supplies.<br>Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.<br>Ensure collection and disposal with an appropriately licensed waste contractor. |  |

## Section 14. Transport information

|                                   |   |  |
|-----------------------------------|---|--|
| <b>DOT</b>                        |   |  |
| <b>UN number</b>                  | NA1993  |  |
| <b>UN proper shipping name</b>    | Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate, cyclohexanone) -Not regulated in quantities less than 119 gallons |  |
| <b>Transport hazard class(es)</b> |   |  |
| <b>Class</b>                      | Combustible   |  |

|                                     |   |
|-------------------------------------|---|
| <b>Subsidiary risk</b>              | -   |
| <b>Packing group</b>                | III   |
| <b>Special precautions for user</b> | Not available.  |
| <b>DOT Supplemental Information</b> | DOT Classification only applies to shipments within the US and Puerto Rico. |
| <b>IATA</b>                         |   |
|                                     | Not regulated as dangerous goods.   |
| <b>IMDG</b>                         |   |
|                                     | Not regulated as dangerous goods.   |
| <b>ADR</b>                          |   |
|                                     | Not regulated as dangerous goods.   |

## Section 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions and prohibitions on manufacture, placing on the market and use of chemicals (Regulation 90/2013, Annex 1, Part 1, as amended)

Not listed.

#### Other information

This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830. Classification according to Regulation (EC) No 1272/2008 as amended.

Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and amendments).

#### 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.

### 15.2. Chemical safety assessment

See attached SUMI or GEIS document, if applicable.

## Section 16. Other information

#### References

Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency (REACH).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of substances and mixtures, and amendments (CLP).

#### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

#### Full text of any H-statements not written out in full under Sections 2 to 15

H226 Flammable liquid and vapor.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.

**Revision information**

1. Product and Company Identification: EU Poison Center  
Composition / Information on Ingredients: Ingredients

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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**Explanation of abbreviations**

|               |   |
|---------------|---|
| <b>ACGIH</b>  | American Conference of Governmental Industrial Hygienists           |
| <b>CAS</b>    | Chemical Abstracts Service  |
| <b>CERCLA</b> | Comprehensive Environmental Response Compensation and Liability Act |
| <b>CFR</b>    | Code of Federal Regulations   |
| <b>COC</b>    | Cleveland Open Cup  |
| <b>DOT</b>    | Department of Transportation  |
| <b>EPCRA</b>  | Emergency Planning and Community Right-to-Know Act (aka SARA)       |
| <b>IARC</b>   | International Agency for Research on Cancer                         |
| <b>NIOSH</b>  | National Institute for Occupational Safety and Health               |
| <b>NTP</b>    | National Toxicology Program   |
| <b>OSHA</b>   | Occupational Safety and Health Administration                       |
| <b>PEL</b>    | Permissible Exposure Limit  |
| <b>RCRA</b>   | Resource Conservation and Recovery Act                              |
| <b>REC</b>    | Recommended   |
| <b>REL</b>    | Recommended Exposure Limit  |
| <b>SARA</b>   | Superfund Amendments and Reauthorization Act of 1986                |
| <b>STEL</b>   | Short-Term Exposure Limit   |
| <b>TCLP</b>   | Toxicity Characteristics Leaching Procedure                         |
| <b>TLV</b>    | Threshold Limit Value   |
| <b>TSCA</b>   | Toxic Substances Control Act  |
| <b>VOC</b>    | Volatile Organic Compounds  |