



SAFETY DATA SHEET

1. 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. *** |
| Name of the substance or mixture (trade name) | CN943 Series |
| Synonyms | HP Scitex XL300 Supreme Light Magenta 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 4 |
| | Acute toxicity, inhalation | Category 4 |
| | Serious eye damage/eye irritation | Category 1 |
| Environmental hazards | Not classified. | |

GHS labeling elements, including precautionary statements

Hazard symbol(s)



Signal word

Danger

Hazard statement(s)

Combustible liquid. Harmful in contact with skin. May be harmful if swallowed. Harmful if inhaled. Causes serious eye damage.

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 ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell. Take off contaminated clothing and wash it before reuse.

| | |
|--|---|
| Storage | Keep cool. |
| 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 | <70 |
| 2-methoxy-1-methylethyl acetate | Proprietary | <15 |
| Cyclohexanone | 108-94-1 | <10 |
| Red Pigment | Proprietary | <1 |

4. First-aid measures

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. |
| Most important symptoms/effects, acute and delayed | Not available. |
| Notes to physician | Not available. |

5. Fire-fighting measures

Means of fire extinguishing

| | |
|--|---|
| Suitable extinguishing media | Suitable extinguishing media: sand, carbon dioxide (CO2), and dry chemical. |
| Unsuitable extinguishing media | Not available. |
| Specific hazards arising from the chemical | Not available. |
| Special fire fighting procedures | Move containers from fire area if you can do it without risk. |
| Protective measures taken by firefighting crews | Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways. |

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 | 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. |
| To be taken by those who are involved in rendering emergency services | Not available. |
| Environmental precautions | Do not flush into surface water or sanitary sewer system. |
| Methods and materials for containment and cleaning up | Not available. |

Other issues relating to spills and releases 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 |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | TWA | 20 ppm |

Chile. OELs (Reg. 594/1999, arts. 61 & 66, as amended on Jan 24, 2015)

| Components | Type | Value |
|------------------------------|------|------------|
| Cyclohexanone (CAS 108-94-1) | TWA | 87.5 mg/m3 |
| | | 22 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 |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | 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 |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | 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 |
| Cyclohexanone (CAS 108-94-1) | STEL | 50 ppm |
| | TWA | 20 ppm |

Peru. OELs. Decreto Supremo 015-2005-SA (Reglamento sobre Valores Límites 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 |
| | | 100 ppm |
| | TWA | 275 mg/m3 |
| | | 50 ppm |

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

| Components | Type | Value |
|------------------------------|------|-----------|
| Cyclohexanone (CAS 108-94-1) | STEL | 201 mg/m3 |
| | TWA | 50 ppm |
| | | 80 mg/m3 |
| | | 20 ppm |

Venezuela. OELs. (COVENIN 2253: Permissible Environmental Concentration Limits for Chemical Substances in Workplaces and Biological Exposure Indices)

| Components | Type | Value |
|------------------------------|------|--------|
| Cyclohexanone (CAS 108-94-1) | TWA | 25 ppm |

Biological limit values

ACGIH Biological Exposure Indices

| Components | Value | Determinant | Specimen | Sampling Time |
|------------------------------|---------|--------------------------------------|----------|---------------|
| Cyclohexanone (CAS 108-94-1) | 80 mg/l | 1,2-Cyclohexanediol, with hydrolysis | Urine | * |
| | 8 mg/l | Cyclohexanol, with hydrolysis | Urine | * |

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

Venezuela. Biological Exposure Indices (IBEs), Table 2, COVENIN 2253

| Components | Value | Determinant | Specimen | Sampling Time |
|------------------------------|---------|----------------------|----------|---------------|
| Cyclohexanone (CAS 108-94-1) | 80 mg/l | 1,2-Ciclohexanadieno | Urine | * |
| | 8 mg/l | Ciclohexanol | Urine | * |

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

Exposure guidelines

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

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

Ecuador OELs: Skin designation

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

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

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US. ACGIH Threshold Limit Values

Cyclohexanone (CAS 108-94-1) SKIN

Venezuela. OELs. (COVENIN 2253: Permissible Environmental Concentration Limits for Chemical Substances in Workplaces and Biological Exposure Indices)

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

Appropriate engineering controls Not available.

Personal protective measures

Eyes and face protection Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

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

Appearance

Physical state Not available.

| | |
|--|--|
| Form | Liquid. |
| Color | Light Magenta |
| Odor | Solvent. |
| Odor threshold | Not available. |
| pH | 5.8 - 6.2 Mettler Toledo pH Meter. Temperature 25°C |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling temperature range | Not available. |
| Flash point | >= 167.0 °F (>= 75.0 °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. |
| Explosive limit - lower (%) | Not available. |
| Explosive 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 (± 0.5) Temperature 22°C. Spindle # 18 (S18) RPM 100. Wait approx 10 min to take the reading |
| Other physical and chemical parameters | |
| VOC | < 913 g/L Calculated |

10. Stability and reactivity

| | |
|---|------------------------------|
| Reactivity | Not available. |
| Chemical stability | Stable at normal conditions. |
| Possibility of hazardous reactions | None known. |
| Conditions to avoid | Heat, flames and sparks. |
| Incompatible materials | Not available. |
| Hazardous decomposition products | Not available. |

11. Toxicological information

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. |
| Acute toxicity | May be harmful if swallowed. Harmful if inhaled. Harmful in contact with skin. |
| Skin irritation and corrosion | Based on available data, the classification criteria are not met. |
| Serious eye damage/eye irritation | Causes serious eye damage. |
| 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. |
| ACGIH Carcinogens | |
| Cyclohexanone (CAS 108-94-1) | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| 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. |
| Cyclohexanone (CAS 108-94-1) | 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. |
| Cyclohexanone (CAS 108-94-1) | Group A3 Confirmed animal carcinogen with unknown relevance to humans. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| Cyclohexanone (CAS 108-94-1) | 3 Not classifiable as to carcinogenicity 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. |
| Cyclohexanone (CAS 108-94-1) | A3 Confirmed animal carcinogen with unknown relevance to humans. |
| Venezuela. OELs. (COVENIN 2253: Permissible Environmental Concentration Limits for Chemical Substances in Workplaces and Biological Exposure Indices) | |
| Cyclohexanone (CAS 108-94-1) | A4 Not classifiable as a human carcinogen. |
| Toxic to reproduction | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity - single exposure | Based on available data, the classification criteria are not met. |
| 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) | |
| Cyclohexanone | 0.81 |
| 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, cyclohexanone) -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

Federal regulations

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

Not listed.

Ecuador. Hazardous, Restricted & Prohibited Chemicals: Table 1 listed substance

Cyclohexanone (CAS 108-94-1)

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: Storage
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
HazReg Data: Europe - EU

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 |