

**SAFETY DATA SHEET**

Product name: CN945 Series

Version #: 03

Issue date: 07-Apr-2018

Revision date: 13-Dec-2019

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## Section II

**1. Identification of the substance/mixture and of the company/undertaking**

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**1.1. Substance/Mixture identifier**

CN945 Series

**Other means of identification****Synonyms** HP Scitex XL300 Supreme Light Black 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 Computer and Printing Technologies Limited Liability Company  
Saray Mahallesi Dr. Adan Buyukdeniz Caddesi No:4 Umraniye, Pt. 8th Floor  
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**Telephone** +90 212 224 5925**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**1.4. Emergency Telephone Number****National Poison** 114**Information Center (UZEM)****Emergency Health** 112**Services****2. Hazards identification****2.1. Classification of the substance or mixture****Classification of the substance or mixture according to SEA regulation TC28848****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 according to SEA regulation TC28848****Hazard pictograms****Signal word** Danger

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## Hazard statements

H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H318 Causes serious eye damage.

## Precautionary statements

### 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

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

### 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.

## 3. Composition/information on ingredients

### Mixture

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2-butoxyethyl acetate	<70	112-07-2 203-933-3	01-2119475112-47-XXXX	607-038-00-2	#
<b>Classification:</b>	Acute Tox. 4;H302, Acute Tox. 4;H312, Acute Tox. 4;H332				
2-methoxy-1-methylethyl acetate	<15	108-65-6 203-603-9	01-2119475791-29-XXXX	607-195-00-7	#
<b>Classification:</b>	Flam. Liq. 3;H226, STOT SE 3;H336				
Cyclohexanone	<10	108-94-1 203-631-1	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				

## Composition comments

Carbon black is present only in a bound form in this preparation.

## 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.

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<b>Ingestion</b>	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.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	Not available.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	Not available.
<b>General information</b>	Not available.

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## 5. Firefighting measures

<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Suitable extinguishing media: sand, carbon dioxide (CO <sub>2</sub> ), and dry chemical.
<b>Unsuitable extinguishing media</b>	Not available.
<b>5.2. Special hazards arising from the substance or mixture</b>	Not available.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	Not available.

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## 6. Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	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>For emergency responders</b>	Not available.
<b>6.2. Environmental precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>6.3. Methods and material for containment and cleaning up</b>	Not available.
<b>6.4. Reference to other sections</b>	Not available.

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## 7. Handling and storage

<b>7.1. Precautions for safe handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.
<b>7.3. Specific end use(s)</b>	Not available.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

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## 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

### Turkey. MAK (Ordinance No. 1475 on Precautions Required in Workplaces Working with Flammable, Explosive, Dangerous and Harmful Substances, Annexes 1-3 (1973))

Components	Type	Value
Cyclohexanone (CAS 108-94-1)	MAK	200 mg/m <sup>3</sup>
		50 ppm

### Turkey. OELs. Regulation on Protection of Health & Safety Measures from Risks related to Chemical Agents at Work, Annex I, Indicative Occupational Exposure Limit Values

Components	Type	Value
2-butoxyethyl acetate (CAS 112-07-2)	STEL	333 mg/m <sup>3</sup>
		50 ppm
	TWA	133 mg/m <sup>3</sup> 20 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m <sup>3</sup>
		100 ppm
Cyclohexanone (CAS 108-94-1)	TWA	275 mg/m <sup>3</sup> 50 ppm
	STEL	81.6 mg/m <sup>3</sup>
	TWA	20 ppm 40.8 mg/m <sup>3</sup> 10 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.

**Recommended monitoring procedures** Not available.

## Exposure guidelines

### Turkey OELs: Skin designation:

2-butoxyethyl acetate (CAS 112-07-2)	Can be absorbed through the skin.
2-methoxy-1-methylethyl acetate (CAS Proprietary)	Can be absorbed through the skin.
Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.

### US. ACGIH Threshold Limit Values

Cyclohexanone (CAS 108-94-1)	Can be absorbed through the skin.
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## 8.2. Exposure controls

**Appropriate engineering controls** Not available.

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## 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). Eye wash fountain and emergency showers are recommended.
<b>Skin protection</b>	
- <b>Hand protection</b>	Wear appropriate chemical resistant gloves.
- <b>Other</b>	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. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.
<b>Environmental exposure controls</b>	Not available.

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## 9. Physical and chemical properties

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

#### Appearance

<b>Physical state</b>	Not available.
<b>Form</b>	Liquid.
<b>Color</b>	Black.
<b>Odor</b>	Solvent.
<b>Odor threshold</b>	Not available.
<b>pH</b>	5.8 - 6.2 Metler Toledo pH Meter. Temperature 25°C
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	$\geq 149.0$ °F ( $\geq 65.0$ °C) Closed Cup EPA Method 1020
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	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
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.

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## 9.2. Other information

VOC < 916 g/L Calculated

## 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.

## 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

**Acute toxicity** Harmful if inhaled. Harmful in contact with skin.  
**Skin corrosion/irritation** 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.

Carbon black is classified as a carcinogen by the IARC (possibly carcinogenic to humans, Group 2B) and by the State of California under Proposition 65. In their evaluations of carbon black, both organizations indicate that exposure to carbon black, per se, does not occur when it remains bound within a product matrix, specifically, rubber, ink, or paint. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. Carbon black is present only in a bound form in this preparation.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Cyclohexanone (CAS 108-94-1) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** 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.  
**Mixture versus substance information** Not available.  
**Other information** Complete toxicity data are not available for this specific formulation.

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## 12. Ecological 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.

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## 13. Disposal information

<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. 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.

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## 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.

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## 15. Regulatory information

<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>Annexes I, III, IV, Restrictions on Use, Placing on Market and Production of Dangerous Substances</b>	Not listed.
<b>High Volume Chemicals Manufactured and/or Imported</b>	
	2-BUTOXYETHYL ACETATE (CAS 112-07-2)
	2-methoxy-1-methylethyl acetate (CAS Proprietary)
	CYCLOHEXANONE (CAS 108-94-1)

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## List of Priority Substances, By-Law on Inventory and Control of Chemicals, No 27092

Not listed.

## Prohibited Chemicals at Work. Regulation on Protection of Health and Safety Measures from Risks related to Chemical Agents at Work, Annex III

Not listed.

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## 16. Other information

<b>References</b>	Not available.
<b>Information on evaluation method leading to the classification of mixture</b>	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
<b>Full text of any H-statements not written out in full under Sections 2 to 15</b>	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. H336 May cause drowsiness or dizziness.
<b>Revision information</b>	Identification of the substance/mixture and of the company/undertaking: Important information Hazards identification: 2.3. Other hazards Composition / Information on Ingredients: Ingredients Composition/information on ingredients: Composition comments Physical & Chemical Properties: Multiple Properties Toxicological information: Carcinogenicity HazReg Data: Europe - EU
<b>Training information</b>	Follow training instructions when handling this material.
<b>Compiler of the Safety Data Sheet</b>	HP Inc.
<b>Competency certificate number</b>	Not available.
<b>Competency certificate date</b>	Not available.
<b>Disclaimer</b>	<p>This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.</p> <p>This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs.</p>



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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