



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** CV119Series  
**Other means of identification** None.  
**Recommended use** Inkjet printing  
**Recommended restrictions** None known.  
**Manufacturer/Importer/Supplier/Distributor information**  
HP Inc.  
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Palo Alto, CA 94304-1112  
United States  
**Telephone** 650-857-5020

**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. Hazard(s) identification

**Physical hazards** Flammable liquids Category 2  
**Health hazards** Serious eye damage/eye irritation Category 1  
**Environmental hazards** Not classified.  
**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger  
**Hazard statement** Highly flammable liquid and vapor. Causes serious eye damage.  
**Precautionary statement**  
**Prevention** Wear protective gloves/protective clothing/eye protection/face protection. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.  
**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician. In case of fire: Use carbon dioxide (CO<sub>2</sub>) to extinguish.  
**Storage** Store in a well-ventilated place. Keep cool.  
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ethyl Alcohol		64-17-5	<80
Black Colorant		Proprietary	<15
n-Propyl Alcohol		71-23-8	<10
Acetone		67-64-1	<7.5

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>Eye contact</b>	Immediately flush eye(s) with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists get medical attention.
<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
<b>Most important symptoms/effects, acute and delayed</b>	Not available.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Suitable extinguishing media: sand, carbon dioxide (CO2) or dry chemical.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	None known.
<b>Special protective equipment and precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Fire fighting equipment/instructions</b>	Containers can build up pressure if exposed to heat (fire). Use water spray to cool unopened containers.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Evacuate the area promptly. Do not touch or walk through spilled material. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Wear appropriate personal protective equipment.
<b>Methods and materials for containment and cleaning up</b>	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).
<b>Environmental precautions</b>	Avoid release to the environment. Refer to special instructions/safety data sheets.

### 7. Handling and storage

<b>Precautions for safe handling</b>	Do not handle or store near an open flame, heat or other sources of ignition. Use with adequate ventilation. Take precautionary measures against static discharges.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep container closed when not in use. Keep away from heat and sources of ignition. Keep only in original container.

### 8. Exposure controls/personal protection

**Occupational exposure limits** This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m3 1000 ppm
Ethyl Alcohol (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm
n-Propyl Alcohol (CAS 71-23-8)	PEL	500 mg/m3 200 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Ethyl Alcohol (CAS 64-17-5)	STEL	1000 ppm
	TWA	100 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m <sup>3</sup>
		250 ppm
Ethyl Alcohol (CAS 64-17-5)	TWA	1900 mg/m <sup>3</sup>
		1000 ppm
n-Propyl Alcohol (CAS 71-23-8)	STEL	625 mg/m <sup>3</sup>
	TWA	250 ppm
		500 mg/m <sup>3</sup>
		200 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*

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

**Exposure guidelines****US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants**

N-PROPYL ALCOHOL (CAS 71-23-8) Can be absorbed through the skin.

**US. Minnesota Hazardous Substances List (Minn. Rules 5206.0400).**

n-Propyl Alcohol (CAS 71-23-8) Skin designation applies.

**US. NIOSH: Pocket Guide to Chemical Hazards**

n-Propyl Alcohol (CAS 71-23-8) Can be absorbed through the skin.

**Appropriate engineering controls**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits. Explosion proof exhaust ventilation should be used.

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

**Eye/face protection** Wear eye/face protection.

**Skin protection**

**Hand protection** Recommended gloves: Nitrile 6 mil minimum thickness.

**Other** The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection** Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

**Thermal hazards** Not available.

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

**Physical state** Liquid.

**Form** Not available.

**Color** Black.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** 173.3 °F (78.5 °C)

**Flash point** < 41.0 °F (< 5.0 °C) Cleveland Closed Cup

<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>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	0 hPa @ 20°C
<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>	Not available.
<b>Other information</b>	For other VOC regulatory data/information see Section 15.
<b>VOC</b>	< 743 g/L

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions</b>	Will not occur.
<b>Conditions to avoid</b>	No information available.
<b>Incompatible materials</b>	Not available.
<b>Hazardous decomposition products</b>	Decomposition of this product may yield metallic oxides. Carbon monoxide and carbon dioxide. Hydrogen fluoride.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Inhalation may result in mild irritation to the respiratory system.
<b>Skin contact</b>	Contact with skin may result in mild irritation.
<b>Eye contact</b>	Causes serious eye damage.
<b>Ingestion</b>	Ingestion is not a likely route of exposure.

**Symptoms related to the physical, chemical and toxicological characteristics** Not available.

### Information on toxicological effects

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<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.

### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

<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>Further information</b>	Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.

**12. Ecological information**

<b>Aquatic toxicity</b>	This product has not been tested for ecological effects.
<b>Ecotoxicity</b>	No information available.

<b>Components</b>	<b>Species</b>	<b>Test Results</b>
Ethyl Alcohol (CAS 64-17-5)		
<b>Aquatic</b>		
Crustacea	EC50 Daphnia	9268, 48 Hours
Fish	LC50 Fish	12900, 96 Hours

<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.

<b>Partition coefficient n-octanol / water (log Kow)</b>	
Acetone	-0.24
Ethyl Alcohol	-0.31
n-Propyl Alcohol	0.25

<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	Not available.

**13. Disposal considerations**

<b>Disposal instructions</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****DOT**

<b>UN number</b>	UN1210
<b>UN proper shipping name</b>	Printing Ink (Ethanol, Acetone)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Special precautions for user</b>	Not available.

**IATA**

<b>UN number</b>	UN1210
<b>UN proper shipping name</b>	Printing Ink (Ethanol, Acetone)
<b>Transport hazard class(es)</b>	
<b>Class</b>	3
<b>Subsidiary risk</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	No.
<b>Special precautions for user</b>	Not available.

**IMDG**

<b>UN number</b>	UN1210
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**UN proper shipping name** Printing Ink (Ethanol, Acetone)  
**Transport hazard class(es)**  
**Class** 3  
**Subsidiary risk** -  
**Packing group** II  
**Transport hazard class(es)**  
**Marine pollutant** No.  
**EmS** Not available.  
**Special precautions for user** Not available.

**ADR**

**UN number** UN1210  
**UN proper shipping name** Printing Ink (Ethanol, Acetone)  
**Transport hazard class(es)**  
**Class** 3  
**Subsidiary risk** -  
**Hazard No. (ADR)** Not available.  
**Tunnel restriction code** Not available.  
**Packing group** II  
**Environmental hazards** No.  
**Special precautions for user** Not available.

**ADR; IATA; IMDG**



**DOT**




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**15. Regulatory information**

**US federal regulations** US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Acetone (CAS 67-64-1) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
 Immediate Hazard - Yes  
 Delayed Hazard - No  
 Fire Hazard - Yes  
 Pressure Hazard - No  
 Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Acetone (CAS 67-64-1) 6532

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Acetone (CAS 67-64-1) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Acetone (CAS 67-64-1) 6532

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

Acetone (CAS 67-64-1) Low priority

Ethyl Alcohol (CAS 64-17-5) Low priority

n-Propyl Alcohol (CAS 71-23-8) Low priority

**US state regulations****US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

Acetone (CAS 67-64-1)

**Other information**

VOC content (less water, less exempt compounds) = 743 g/L (U.S. requirement, not for emissions)

**Regulatory information**

The components of this product are reported in the following inventories: United States of America, European Union, Canada, Australia, Philippines, Ontario, New Zealand, Japan, Switzerland and Korea.

**16. Other information, including date of preparation or last revision****Issue date** 15-Jul-2014**Revision date** 10-Apr-2018**Version #** 04**Other information** This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).**Disclaimer**

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**Revision information**

Hazard(s) identification: Storage  
Composition / Information on Ingredients: Ingredients  
Toxicological information: Eye contact  
Toxicological information: Ingestion  
Toxicological information: Inhalation  
Toxicological information: Skin contact  
Other information, including date of preparation or last revision: Disclaimer  
GHS: Classification

**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