

# SAFETY DATA SHEET

### 1. Identification

Product identifier L0S61Series
Other means of identification Not available.
Recommended use Inkjet printing
Recommended restrictions None known.
Company identification HP Inc.

1501 Page Mill Road 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 Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.

**Label elements** 

Hazard symbol None.
Signal word None.

**Hazard statement** Not available.

**Precautionary statement** 

PreventionNot available.ResponseNot available.StorageNot available.DisposalNot available.

Hazard(s) not otherwise

classified (HNOC)

Complete toxicity data are not available for this specific formulation.

Potential routes of overexposure to this product are skin and eye contact.

Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this

product under normal use conditions.

None of the components present in this formulation at concentrations equal to or greater than

0.1% are listed by EU, MAK, IARC, NTP or OSHA.

**Supplemental information** This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	70-85
2-pyrrolidone		616-45-5	<10
Pigment Blue		Proprietary	<5

Material name: LOS61Series sps us

12721 Version #: 02 Revision date: 14-Apr-2016 Issue date: 13-Apr-2016

**Composition comments** This ink supply contains an aqueous ink formulation.

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard

Communication Standard).

4. First-aid measures

**Inhalation** Move to fresh air. If symptoms persist, get medical attention.

Skin contact Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation

develops or persists.

Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at

least 15 minutes or until particles are removed. If irritation persists get medical attention.

Ingestion If ingestion of a large amount does occur, seek medical attention.

Most important

symptoms/effects, acute and

delayed

Not available.

# 5. Fire-fighting measures

Suitable extinguishing media

Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing

media

None known.

Specific hazards arising from

the chemical

Not applicable.

Special protective equipment

and precautions for

firefighters

Not available.

Specific methods None established.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment.

Methods and materials for containment and cleaning up

Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand

or diatomaceous earth, commercial sorbents, or recover using pumps.

**Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

## 7. Handling and storage

Precautions for safe handling

Avoid contact with skin, eyes and clothing.

Conditions for safe storage,

including any incompatibilities Keep out of the reach of children. Keep away from excessive heat or cold.

### 8. Exposure controls/personal protection

**Occupational exposure limits** 

No exposure limits noted for ingredient(s).

**Biological limit values Exposure guidelines** 

No biological exposure limits noted for the ingredient(s). Exposure limits have not been established for this product.

Appropriate engineering

controls

Use in a well ventilated area.

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

Not available. Eye/face protection

Skin protection

**Hand protection** Not available. Not available. Other **Respiratory protection** Not available. Thermal hazards Not available.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

# 9. Physical and chemical properties

#### **Appearance**

Material name: L0S61Series SDS US

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**Physical state** Not available.

Color Cyan

Odor Not available. **Odor threshold** Not available.

9 - 9.5pН

Melting point/freezing point Not available. Initial boiling point and Not available.

boiling range

Flash point > 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup

**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.

Solubility(ies)

Solubility (water) Not available. **Partition coefficient** Not available. (n-octanol/water)

**Auto-ignition temperature** Not available. **Decomposition temperature** Not available. Not available. **Viscosity** 

Other information For other VOC regulatory data/information see Section 15.

VOC (Weight %) 186 g/l

### 10. Stability and reactivity

Not available. Reactivity

Chemical stability Stable under recommended storage conditions.

**Possibility of hazardous** 

reactions

Will not occur.

Conditions to avoid Not available.

**Incompatible materials** Incompatible with strong bases and oxidizing agents.

**Hazardous decomposition** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon

products dioxide and/or low molecular weight hydrocarbons.

### 11. Toxicological information

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

Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met. Skin corrosion/irritation Based on available data, the classification criteria are not met. Serious eye damage/eye Based on available data, the classification criteria are not met.

irritation

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.

Material name: L0S61Series SDS US Germ cell mutagenicityBased on available data, the classification criteria are not met.CarcinogenicityBased on available data, the classification criteria are not met.Reproductive toxicityBased 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**Based on available data, the classification criteria are not met.

Specific target organ toxicity

- repeated exposure

- single exposure

Based on available data, the classification criteria are not met.

**Aspiration hazard**Based on available data, the classification criteria are not met. **Further information**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.

Components Species Test Results

2-pyrrolidone (CAS 616-45-5)

Acute Oral

 LD50
 Guinea pig
 6500 mg/kg

 Rat
 6500 mg/kg

12. Ecological information

**Aquatic toxicity** No information available.

**Ecotoxicity** 

Components Species Test Results

2-pyrrolidone (CAS 616-45-5)

Aquatic

Crustacea EC50 Water flea (Daphnia pulex) 13.21 mg/l, 48 hours

Persistence and degradability Not available. Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

2-pyrrolidone -0.85

Mobility in soilNot available.Other adverse effectsNot available.

13. Disposal considerations

**Disposal instructions** Do not allow this material to drain into sewers/water supplies.

Dispose of waste material according to Local, State, Federal, and Provincial Environmental

Regulations.

HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

**IMDG** 

Not regulated as dangerous goods.

**ADR** 

Not regulated as dangerous goods.

**Further information** Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

15. Regulatory information

**US TSCA** 12(b): Does not contain listed chemicals.

Material name: L0S61Series sps us

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

Not regulated.

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

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No

Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** 

Not listed.

**SARA 311/312** No

Hazardous chemical

Other federal regulations
Safe Drinking Water Act

Not regulated.

(SDWA)

**US state regulations** 

**US. Massachusetts RTK - Substance List** 

2-pyrrolidone (CAS 616-45-5)

**US. New Jersey Worker and Community Right-to-Know Act** 

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

2-pyrrolidone (CAS 616-45-5)

**US. Rhode Island RTK** 

Not regulated.

**US. California Proposition 65** 

Not Listed.

**Other information** VOC content (less water, less exempt compounds) = 684 g/L (U.S. requirement, not for emissions)

VOC data based on formulation (Organic compounds minus solids)

**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, including date of preparation or last revision

Issue date13-Apr-2016Revision date14-Apr-2016

Version # 02

**Disclaimer** 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.

**Manufacturer information** HP Inc.

1501 Page Mill Road

Palo Alto, CA 94304-1112 US Direct 1-650-857-5020

Material name: L0S61Series sps us

# **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

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