



# SAFETY DATA SHEET

## 1. Identification

**Name of the substance or mixture (trade name)** J3N73Series

**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** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

### GHS labeling elements, including precautionary statements

**Hazard symbol(s)** None.

**Signal word** None.

**Hazard statement(s)** Not available.

**Precautionary statement(s)**

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** Not available.

**Other hazards which do not result in classification** 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. Complete toxicity data are not available for this specific formulation.

**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixture

Common chemical name or technical name	CAS number	Concentration or concentration range
Water	7732-18-5	65-85
2-pyrrolidone	616-45-5	< 10
Cyan pigment	Proprietary	< 5

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Glycerol

56-81-5

<5

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

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#### 4. First-aid measures

##### 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. If irritation persists get medical attention.

**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.

**Personal protection for first-aid responders** Potential routes of overexposure to this product are skin and eye contact

**Notes to physician** Not available.

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#### 5. Fire-fighting measures

##### Means of fire extinguishing

**Suitable extinguishing media** CO2, water, dry chemical, or foam

**Unsuitable extinguishing media** None known.

**Unusual fire & explosion hazards** None known.

**Specific hazards arising from the chemical** Not available.

**Protective measures taken by firefighting crews** Not available.

**Specific methods** Wear self contained breathing apparatus for fire fighting if necessary. Use a water spray to cool fully closed containers.

**Hazardous combustion products** Refer to section 10.

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#### 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** Wear appropriate personal protective equipment.

**To be taken by those who are involved in rendering emergency services** Not available.

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

**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.

**Other issues relating to spills and releases** Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

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#### 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.

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#### 8. Exposure controls/personal protection

**Control parameters**

**Occupational exposure limits**

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

Components	Type	Value	Form
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.

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

Components	Type	Value	Form
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.

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

Components	Type	Value	Form
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.

**Biological limit values**

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

**Exposure guidelines**

Exposure limits have not been established for this product.

**Appropriate engineering controls**

Use in a well ventilated area.

**Personal protective measures**

**Eyes and face protection**

Not available.

**Skin protection**

**Hand protection**

Not available.

**Personal protective equipment**

**General**

Use personal protective equipment to minimize exposure to skin and eye.

**Personal protective measures**

**Other**

Not available.

**Respiratory protection**

Not available.

**Thermal hazards**

Not available.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

**Appearance**

Liquid.

**Physical state**

Liquid.

**Form**

Not available.

**Color**

Cyan

**Odor**

Not available.

**Odor threshold**

Not available.

**pH**

9 - 10

**Melting point/freezing point**

Not available.

**Initial boiling point and boiling temperature range**

Not determined

**Flash point**

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

**Evaporation rate**

Not determined

**Flammability (solid, gas)**

Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)**

Not determined

**Flammability limit - upper (%)**

Not available.

**Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.

**Vapor pressure**

Not determined

**Vapor density**

>= 1 (air = 1.0)

**Solubility(ies)**

**Solubility (water)**

Soluble in water

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

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

**Other physical and chemical parameters**

**Oxidizing properties** Not determined

**VOC** < 96.02 g/l

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## 10. Stability and reactivity

**Reactivity** Not available.

**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 products** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin contact** Contact with skin may result in mild irritation.

**Eye contact** Contact with eyes may result in mild irritation.

**Ingestion** Health injuries are not known or expected under normal use.

**Symptoms** Not available.

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

Components	Species	Test Results
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2-pyrrolidone (CAS 616-45-5)

**Acute**

**Oral**

LD50	Rat	> 5000 mg/kg
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Glycerol (CAS 56-81-5)

**Acute**

**Dermal**

LD50	Guinea pig	45 ml/kg, Days
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**Inhalation**

*Vapor*

LC50	Rat	4655 mg.min/l, 7 Hours
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**Oral**

LD50	Rat	18300 mg/kg
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**Skin irritation and corrosion** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met. Not classified as an irritant according to, OECD 405.

### 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.

**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.

<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other 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

### Ecotoxicity

Product		Species	Test Results
J3N73Series			
<b>Aquatic</b>			
<i>Acute</i>			
Fish	LC50	Fathead minnow ( <i>Pimephales promelas</i> )	< 750 mg/l, 96 hours

Components		Species	Test Results
2-pyrrolidone (CAS 616-45-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea ( <i>Daphnia pulex</i> )	13.21 mg/l, 48 hours

**Persistence and degradability** Not available.

### Bioaccumulative potential

#### Partition coefficient n-octanol / water (log Kow)

2-pyrrolidone	-0.85
Glycerol	-1.76

**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 allow this material to drain into sewers/water supplies.  
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.  
Do not dispose of together with general office waste. Ensure collection and disposal with an appropriately licensed waste contractor.

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

### 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.

**Venezuela. Chemical Precursors (Official Gazette No. 34.741, List I & II)**

Not regulated.

<b>International regulations</b>	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.
<b>Montreal Protocol</b>	Not applicable.
<b>Stockholm Convention</b>	Not applicable.
<b>Rotterdam Convention</b>	Not applicable.
<b>Kyoto protocol</b>	Not applicable.
<b>Basel Convention</b>	Not applicable.

## 16. Other information

**Significant information, yet not specifically related to the previous sections** Not available.

### 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.

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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