



SAFETY DATA SHEET

Section 1: Identification of the chemical product and of the supplier

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. ***
Identification of the chemical product	4UV81Series
Recommended use of the chemical and restrictions on use	
Recommended use	Inkjet printing
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
	HP Inc Chile Comercial Limitada Mariano Sanchez Fontecilla 310, Piso 13 Santiago, Chile 7550296
Telephone:	56-2-333-0978
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

Section 2: Hazards identification

Classification according to GHS

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.

Label elements

Hazard symbol	None.
Signal word	None.
Hazard statement	Not available.
Precautionary statement	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.

Safety signs according to NCh1411/4



Other hazards

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.

Supplemental information

None.

Section 3: Composition/information on ingredients

Mixture

Hazardous components

Systematic chemical name	Common or generic name	Concentration range	CAS number
1,2-butanediol		<20	584-03-2

Non-hazardous components

Systematic chemical name	Common or generic name	Concentration range	CAS number
Water		70-80	7732-18-5
Trade secret polymer		<5	Mixture

Section 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.
Expected acute effects	Not available.
Expected delayed effects	Not available.
Most important symptoms/effects	Not available.
Special notes for treating physician	Not available.

Section 5: Fire-fighting measures

Extinguishing media	Dry chemical, CO2, water spray or regular foam.
Inappropriate extinguishing media	None known.
Products formed during combustion and thermal degradation	Refer to section 10.
Specific associated hazards	Not applicable.
Specific extinguishing methods	None established.
Precautions for emergency personnel and/or firefighters	Not available.

Section 6: Accidental release measures

Personal precautions	Wear appropriate personal protective equipment.
Protective equipment	Not available.
Emergency procedures	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.
Environmental precautions	Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
Methods and material for containment, confinement, and/or abatement	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.
Methods and materials for clean-up	
Recovery	Not available.
Neutralization	Not available.
Final disposal	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. 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 .

Additional measures for preventing disasters Not available.

Section 7: Handling and storage

Handling

Precautions for safe handling Avoid contact with skin, eyes and clothing.

Operational and technical measures Not available.

Other precautions Not available.

Prevention of contact Handle in accordance with good industrial hygiene and safety practice.

Storage

Conditions for safe storage Not available.

Technical measures Keep out of the reach of children.
Keep away from excessive heat or cold.

Incompatible substances and mixtures Not available.

Materials for containers and/or packaging Not available.

Section 8: Exposure controls/personal protection

Maximum permissible concentration No exposure limits noted for ingredient(s).

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

Exposure guidelines Exposure limits have not been established for this product.

Individual protection measures, such as personal protective equipment

Respiratory protection Not available.

Hand protection Not available.

Eye protection Not available.

Skin and body protection Not available.

Engineering measures Use in a well ventilated area.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical properties

Appearance

Physical state Liquid.

Form Not available.

Color Colorless.

Odor Not available.

pH 2.4

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point 382.0 °F (194.4 °C) Pensky-Martens Closed Cup

Explosivity limits Not available.

Vapor pressure Not available.

Density 1.01 g/cm³

Solubility(ies)

Solubility (water) Not available.

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

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Odor threshold Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Viscosity Not available.

Section 10: Stability and 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 products Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Section 11: Toxicological information

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 irritation 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.

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.

Related symptoms Not available.

Section 12: Ecological information

Ecotoxicity No ecotoxicity data noted for the ingredient(s).

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Mobility in soil Not available.

Section 13: Disposal considerations

Remains/residues Not available.

Contaminated container, packaging and contaminated materials Not available.

Disposal instructions

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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Section 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.

Section 15: Regulatory information

National regulations

Controlled chemical substances susceptible to manufacturing of narcotics and psychotropic drugs, Lists I, II, III (Decree 1358, published April 17, 2007)

Not listed.

Prohibited Substances (Reg. 594/1999, art. 65, as of Nov. 8, 2012)

Not listed.

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.

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto protocol

Not applicable.

Basel Convention

Not applicable.

Section 16: Other information

Revision information

1. Product and Company Identification: Alternate Trade Names
3. Composition / Information on Ingredients: Ingredients

References

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.

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.

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