



SAFETY DATA SHEET

1. Identification

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. ***	
Product identifier	3UB79Series	
Other means of identification		
Synonyms	HP 2600 Black Solvent Ink	
Recommended use	Inkjet printing	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier/Distributor information		
	HP Inc. 1501 Page Mill Road Palo Alto, CA 94304-1112 United States	
Telephone	650-857-1501	
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:	sustainability@hp.com	

2. Hazard(s) identification

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

Label elements



Signal word	Danger
Hazard statement	Highly flammable liquid and vapor. Causes serious eye irritation.
Precautionary statement	
Prevention	Wear protective gloves/protective clothing/eye protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take action to prevent static discharges. Wash hands thoroughly after handling.
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. In case of fire: Use CO2 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)	Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ethyl alcohol		64-17-5	<80
n-Butyl Acetate		123-86-4	<15
Ethyl acetate		141-78-6	<10
Chromium, 1-[2-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]diazonyl]-2-naphthalenol 1-[2-[2-hydroxy-4(or 5)-nitrophenyl]diazonyl]-2-naphthalenol Ammonium Sodium Complexes		1029600-34-7	<5
Toluene sulfonamide formaldehyde resin		1338-51-8	<1

4. 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.
Ingestion	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.
Most important symptoms/effects, acute and delayed	Not available.

5. Fire-fighting measures

Suitable extinguishing media	Suitable extinguishing media: sand, carbon dioxide (CO2) dry chemical.
Unsuitable extinguishing media	Not available.
Specific hazards arising from the chemical	Not applicable.
Special protective equipment and precautions for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.
Fire fighting equipment/instructions	Move containers from fire area if you can do it without risk.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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.
Methods and materials for containment and cleaning up	Not available.
Environmental precautions	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. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Ethyl Acetate (CAS 141-78-6)	PEL	1400 mg/m ³ 400 ppm
ethyl alcohol (CAS 64-17-5)	PEL	1900 mg/m ³ 1000 ppm
n-Butyl Acetate (CAS 123-86-4)	PEL	710 mg/m ³ 150 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethyl Acetate (CAS 141-78-6)	TWA	400 ppm
ethyl alcohol (CAS 64-17-5)	STEL	1000 ppm
n-Butyl Acetate (CAS 123-86-4)	STEL	150 ppm
	TWA	50 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethyl Acetate (CAS 141-78-6)	TWA	1400 mg/m ³ 400 ppm
ethyl alcohol (CAS 64-17-5)	TWA	1900 mg/m ³ 1000 ppm
n-Butyl Acetate (CAS 123-86-4)	STEL	950 mg/m ³ 200 ppm
	TWA	710 mg/m ³ 150 ppm

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

Appropriate engineering controls Not available.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses; chemical goggles (if splashing is possible).
Eye wash fountain and emergency showers are recommended.

Skin protection

Hand protection Recommended gloves: Nitrile 6 mm minimum thickness.

Other Wear appropriate chemical resistant clothing.

Respiratory protection Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Not available.

General hygiene considerations 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.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Liquid.
Color	Black.

Odor	Solvent.
Odor threshold	Not available.
pH	7.5
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	42.8 °F (6.0 °C) Pensky-Martens Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor density	Not available.
Vapor density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	For other VOC regulatory data/information see Section 15.
VOC	615 g/l US EPA Method 24
9.2. Other information	
Density	0.84 g/cm ³

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Not available.
Hazardous decomposition products	Not available.

11. Toxicological information

Information on likely routes of exposure

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

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 irritation	Causes serious eye 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.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

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.

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.

12. Ecological information

Aquatic toxicity LC50/96h/rainbow trout =<100 mg/l and >10 mg/l.

Ecotoxicity

Components	Species	Test Results
Chromium, 1-[2-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]diazanyl]-2-naphthalenol 1-[2-[2-hydroxy-4(or 5)-nitrophenyl]diazanyl]-2-naphthalenol Ammonium Sodium Complexes (CAS 1029600-34-7)		
Aquatic		
Algae	EC50	Algae > 0.42 mg/l (OECD 201)
	NOEC	Algae > 0.42 mg/l (OECD 201)
Crustacea	EC50	Daphnia magna 1000 mg/l
Fish	LC50	Fish 2 mg/l
Ethyl alcohol (CAS 64-17-5)		
Aquatic		
Crustacea	EC50	Daphnia 9268, 48 Hours
Fish	LC50	Fish 12900, 96 Hours

Persistence and degradability Not available.

Biodegradability

Percent degradation (Aerobic biodegradation-ready)

Chromium, 1-[2-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]diazanyl]-2-naphthalenol 1-[2-[2-hydroxy-4(or 5)-nitrophenyl]diazanyl]-2-naphthalenol Ammonium Sodium Complexes 3.5 %, Not readily biodegradable.
 Test Duration: 28 d

Bioaccumulative potential Not available.

Partition coefficient n-octanol / water (log Kow)

Chromium, 1-[2-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]diazanyl]-2-naphthalenol 1-[2-[2-hydroxy-4(or 5)-nitrophenyl]diazanyl]-2-naphthalenol Ammonium Sodium Complexes 4.94 - 4.97 (22°C, EU Method A.8)

Ethyl acetate 0.73
 Ethyl alcohol -0.31
 n-Butyl Acetate 1.78

Mobility in soil

Adsorption

Soil/sediment sorption - log Koc

Chromium, > 9.46, (PCKOWIN)
1-[2-[5-(1,1-dimethylpropyl)-2-hydroxy-3-nitrophenyl]diaz
enyl]-2-naphthalenol 1-[2-[2-hydroxy-4(or
5)-nitrophenyl]diaz-enyl]-2-naphthalenol Ammonium
Sodium Complexes

Other adverse effects Not available.

13. Disposal considerations

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.

14. Transport information

DOT

UN number UN1210
UN proper shipping name Printing ink
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group II
Special precautions for user Not available.

DOT Supplemental Information DOT Classification only applies to shipments within the US and Puerto Rico.

IATA

UN number UN1210
UN proper shipping name Printing ink
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group II
Environmental hazards No.
Special precautions for user Not available.

IMDG

UN number UN1210
UN proper shipping name Printing ink
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
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



15. Regulatory information

US federal regulations

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

Toxic Substances Control Act (TSCA)

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethyl acetate (CAS 141-78-6) Listed.

n-Butyl Acetate (CAS 123-86-4) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

Yes

Classified hazard categories Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

No intentionally added HAP substances.

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

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

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

Ethyl acetate (CAS 141-78-6) Low priority

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

n-Butyl Acetate (CAS 123-86-4) Low priority

US state regulations

California Proposition 65



WARNING: This product can expose you to chemicals including formaldehyde (CAS 50-00-0, <0.002%), and aniline (62-53-3, <0.0001%), which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Other information	VOC content (less water, less exempt compounds) = 615 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids) US EPA Method 24
Regulatory information	HP complies with chemical regulatory requirements in chemical substance notification laws, where applicable. All chemical substances are notified, or exempt from notification or listed in the inventory as existing substances in the following countries: US (TSCA), Canada (DSL/NDSL). For guidance on importation and/or additional requirements for registration schemes such as EAEU, EU, South Korea, Turkey, UK, India and Taiwan, please contact the Sustainability and Compliance Center (sustainability@hp.com).
Clean Air Act (CAA)	No internationally added HAP substances.

16. Other information, including date of preparation or last revision

Issue date	17-Jul-2023
Revision date	14-Oct-2024
Version #	03
Other information	This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
Disclaimer	<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>
Revision information	<p>3. Composition / Information on Ingredients: Disclosure Overrides Composition/information on ingredients: Composition comments Exposure controls/personal protection: Hand protection 15. Regulatory Information: Regulatory Information GHS: Classification</p>

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
Acute Tox.	Acute toxicity
Aquatic Acute	Short-term (acute) aquatic hazard
Aquatic Chronic	Long-term (chronic) aquatic hazard
Asp. Tox.	Aspiration hazard
Carc.	Carcinogenicity
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)
Eye Dam.	Serious eye damage
Eye Irrit.	Eye Irritation
Flam. Liq.	Flammable liquids
Flam. Sol.	Flammable solids
Lact.	Effects on or via lactation
Muta.	Germ cell mutagenicity
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
Ox. Liq.	Oxidising liquids
Ozone	Hazardous to the ozone layer
PEL	Permissible Exposure Limit
Press. Gas	Gases under pressure
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
Repr.	Reproductive toxicity
Resp. Sens.	Respiratory sensitization
SARA	Superfund Amendments and Reauthorization Act of 1986
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STEL	Short-Term Exposure Limit
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act