



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	1XB18Series	
Other means of identification	None.	
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	Not classified.	
Health hazards	Sensitization, skin	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Warning
Hazard statement	May cause an allergic skin reaction.
Precautionary statement	
Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see this label). Take off contaminated clothing and wash it before reuse.
Storage	Not available.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

Supplemental information

None.

3. Composition/information on ingredients**Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Water		7732-18-5	80-90
Cyclo Amide*		Proprietary*	<10
Magenta Colorant		Proprietary	<5
Ethoxylated glycerol*		Proprietary*	<2.5
Triethylene glycol		112-27-6	<2.5
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)		2634-33-5	<0.1
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)		2682-20-4	<0.1

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).

*Proprietary

4. First-aid measures**Inhalation**

Remove 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

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	Not available.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Use protective gloves made of: Nitrile rubber.
Other	Wear appropriate chemical resistant clothing.
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

Physical state	Liquid.
Form	Not available.
Color	Magenta
Odor	Not available.
Odor threshold	Not available.
pH	8 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	>230.0 °F (>110.0 °C)
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.
Density	1.05 g/cm ³
Flammability	Not flammable according to GHS Hazard Classification Criteria.
Oxidizing properties	Not determined
Particle size	Not applicable.
Percent volatile	1.5 % estimated
Specific gravity	1 - 1.1
VOC	<152 g/l

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None known.
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., fluorinated hydrocarbons and hydrogen fluoride.

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	May cause an allergic skin reaction.
Eye contact	Contact with eyes may result in mild 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.

Components	Species	Test Results
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1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)

Acute

Dermal

LD50 Rat > 2000 mg/kg (OECD 402)

Oral

LD50 Mouse 1150 mg/kg
Rat 1020 mg/kg
670 mg/kg (OECD 401)

2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) (CAS 2682-20-4)

Acute

Dermal

LD50 Rat 242 mg/kg (OECD 402)

Inhalation

LC50 Rat 0.11 mg/l, 4 h (OECD 403)

Oral

LD50 Rat 120 mg/kg

Skin corrosion/irritation Non irritant in rabbit (OECD 404) Based on available data, the classification criteria are not met.

Irritation Corrosion - Skin

2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) Corrosive, rabbit (OECD 404)

1,2-Benzisothiazolin-3-one (Benzisothiazolinone) Irritating (4 h, rabbit)

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Eye

1,2-Benzisothiazolin-3-one (Benzisothiazolinone) Causes serious eye damage (rabbit)

2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) Corrosive, based on OECD 404 results

Respiratory or skin sensitization

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

Skin sensitization May cause an allergic skin reaction.

Skin sensitization

1,2-Benzisothiazolin-3-one (Benzisothiazolinone) Causes sensitization (Guinea pig, OECD 406)
 2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) Sensitizing, mice (OECD 429), Sensitizing, guinea pigs (OECD 406)

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

12. Ecological information

Aquatic toxicity No information available.

Ecotoxicity No information available.

Product	Species	Test Results
1XB18Series		
Aquatic		
Fish	LC50	Fathead minnow (<i>Pimephales promelas</i>) > 750 mg/l, 96 Hours
Components		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone) (CAS 2634-33-5)		
<i>Acute</i>		
	EC50	Activated sludge 12.8 mg/l, 3 h (OECD 209)
Other	EC50	Pseudokirchnerella subcapitata 0.11 mg/l, 72 h OECD (201)
	NOEC	Pseudokirchnerella subcapitata 0.055 mg/l, 72 h (OECD 201)
Aquatic		
<i>Acute</i>		
Crustacea	EC50	Daphnia magna 4.4 mg/l, 48 h 2.9 mg/l, 48 h (OECD 202)
Fish	LC50	Oncorhynchus mykiss 2.15 mg/l, 96 h (OECD 203) 0.8 mg/l, 96 h
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) (CAS 2682-20-4)		
<i>Acute</i>		
	EC50	Activated sludge 34.6 mg/l (DIN 38412-3)
Other	EC50	Pseudokirchnerella subcapitata 0.445 mg/l, 120 h (OECD 201)
Aquatic		
<i>Acute</i>		
Crustacea	EC50	Daphnia magna 1.68 mg/l, 48 h (OECD 202)
Fish	LC50	Rainbow Trout 6 mg/l, 96 h (OECD 203)
<i>Chronic</i>		
Crustacea	NOEC	Daphnia magna 0.0442 mg/l, 21 d (OECD 211)
Fish	NOEC	Oncorhynchus mykiss 4.93 mg/l, 98 d (OECD 210)

Components	Species	Test Results
Triethylene glycol (CAS 112-27-6)		
Aquatic		
Fish	LC50	Fish
		60, 96 Hours
Persistence and degradability	Not available.	
Biodegradability		
Percent degradation (Aerobic biodegradation-ready)		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)		85 %, Not readily biodegradable (OECD 301C) Test Duration: 63 d
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)		54.1 %, (OECD 301B) Test Duration: 29 d
Bioaccumulative potential	Not available.	
Partition coefficient n-octanol / water (log Kow)		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)		0.7 (OECD 117)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)		-0.32 (OECD 107)
Bioconcentration factor (BCF)		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)		6.62, (OECD 305) Species: Bluegill (Lepomis macrochirus)
2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone)		48.1, Viscera (1972) Species: Bluegill (Lepomis macrochirus) 5.75, Carcass (1972) Species: Bluegill (Lepomis macrochirus)
Mobility in soil		
Adsorption		
Soil/sediment sorption - log Koc		
1,2-Benzisothiazolin-3-one (Benzisothiazolinone)		0.97, (OECD 121)
Other adverse effects	Not 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 .
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14. Transport information

DOT	
UN number	Not regulated as dangerous goods.
UN proper shipping name	Not Regulated
Transport hazard class(es)	
Class	Not assigned.
Subsidiary risk	-
Packing group	Not assigned.
Environmental hazards	
Marine pollutant	No
Special precautions for user	Not assigned.
IATA	
UN number	Not regulated as dangerous goods.
UN proper shipping name	Not Regulated
Transport hazard class(es)	
Class	Not assigned
Subsidiary risk	-
Packing group	Not assigned
Environmental hazards	No
Special precautions for user	Not assigned
IMDG	
UN number	Not regulated as dangerous goods.
UN proper shipping name	Not Regulated

Transport hazard class(es)
Class Not assigned.
Subsidiary risk -
Packing group Not assigned.
Transport hazard class(es)
Marine pollutant No
EmS Not assigned.
Special precautions for user Not assigned.

ADR

UN number Not regulated as dangerous goods.
UN proper shipping name Not Regulated
Transport hazard class(es)
Class Not assigned
Subsidiary risk -
Hazard No. (ADR) Not assigned
Tunnel restriction code Not assigned
Packing group Not assigned
Environmental hazards No
Soocial precautions for user Not assigned

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

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

15. Regulatory information

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

2-Methyl-2h-isothiazol-3-one (Methylisothiazolinone) 1.0 % One-Time Export Notification only.
(CAS 2682-20-4)

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

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 Respiratory or skin sensitization

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.

Other information VOC content (less water, less exempt compounds) = < 985 g/L (U.S. requirement, not for emissions)
VOC data based on formulation (Organic compounds minus solids)
Contains a short-chain, partially fluorinated substituted glycol at < 0.1%.

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), Australia (AICIS), Japan (ISHL, ENCS), Philippines (PICCS), New Zealand (NZIoC) and China (IECSC). 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 intentionally added HAP substances.

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

Issue date 14-Sep-2021

Revision date 03-Jul-2024

Version # 06

Other information This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

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
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
VOC	Volatile Organic Compounds