

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any Important information

unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action

being taken by HP. ***

1.1. Product identifier

Trade name or designation

3YL79Series

of the mixture

Registration number

Synonyms None.

Issue date 13-Mar-2019

Version number 12

19-Apr-2021 **Revision date** 11-Feb-2021 Supersedes date

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Inkjet printing Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

HP Inc UK Ltd, Regulatory Enquiries, Earley West 300 Thames Valley Park Drive, Reading, RG6 1PT

Telephone +44 20 7660 0596 (Consumer)

+44 20 7660 0403 (Commercial)

HP Inc. health effects line

1-800-457-4209 (Toll-free within the US) (Direct) 1-760-710-0048

HP Inc. Customer Care

(Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

1.4 Emergency telephone

number

0207771 5307

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Skin sensitization Category 1 H317 - May cause an allergic skin

reaction.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

1,2-Benzisothiazolin-3-one, 2-methyl-2h-isothiazol-3-one, Contains:

Ethoxylated-2,4,7,9-tetramethyl-5-decyn-4,7-diol

Hazard pictograms



Signal word Warning

Hazard statements

May cause an allergic skin reaction. H317

Precautionary statements

Prevention

Material name: 3YL79Series

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P280 Wear protective gloves/protective clothing/eye protection.

P261 Avoid breathing mist/vapor.

P272 Contaminated work clothing must not be allowed out of the workplace.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage Not available.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None

2.3. Other hazards 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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name		%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Water		65-85	7732-18-5 231-791-2	-	-	
Classification:	-					
Ethoxylated-2,4,7,9-tetra yn-4,7-diol	methyl-5-dec	<1	9014-85-1 500-022-5	-	-	
Classification:	Skin Sens. 1	;H317, Ey	e Dam. 1;H318, Aqua	atic Chronic 3;H412		
1,2-Benzisothiazolin-3-or	ne	<0.05	2634-33-5 220-120-9	01-2120761540-60-XXXX	613-088-00-6	
Classification:	Acute Tox. 4 Acute 1;H400		in Irrit. 2;H315, Skin S	Sens. 1;H317, Eye Dam. 1;H3	318, Aquatic	
2-methyl-2h-isothiazol-3-	one	<0.05	2682-20-4 220-239-6	01-2120764690-50-XXXX	-	
Classification:		B, Acute To		n Corr. 1B;H314, Skin Sens. Acute 1;H400(M=10), Aquatic		
omposition comments	This ink	supply co	ntains an aqueous ir	k formulation.		

SECTION 4: First aid measures

General information Not available.

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and

ind effects, both acute and

delayed

Not available.

4.3. Indication of any Not available.

immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing

Dry chemical, CO2, water spray or regular foam.

media

Material name: 3YL79Series sps uk

Unsuitable extinguishing

media

None known.

5.2. Special hazards arising

from the substance or mixture

Not available.

5.3. Advice for firefighters

Special protective

Not available.

equipment for firefighters

Special fire fighting

procedures

Not available.

Specific methods None established.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Wear appropriate personal protective equipment.

Not available. For emergency responders

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

6.3. Methods and material 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.

6.4. Reference to other

sections

Not available.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

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

Not available. 7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

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

Recommended monitoring

procedures

Not available.

Derived no effect levels

(DNELs)

Not available.

Predicted no effect

Not available.

concentrations (PNECs)

Exposure limits have not been established for this product.

Exposure guidelines 8.2. Exposure controls

Appropriate engineering

controls

Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

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

Eye/face protection Not available.

Skin protection

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

Handle in accordance with good industrial hygiene and safety practice. Hygiene measures

Environmental exposure

controls

Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Material name: 3YL79Series 12969 Version #: 12 Revision date: 19-Apr-2021 Issue date: 13-Mar-2019 Form Not available.

Color Yellow

Odor Not available.
Odor threshold Not available.

pH 9 - 10

Melting point/freezing point Not available.

Initial boiling point and boiling Not available.

range

Flash point > 230.0 °F (> 110.0 °C) Pensky-Martens Closed Cup US EPA Method 1020

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.

(%)

Vapor pressureNot available.Vapor densityNot available.

Solubility(ies)

Solubility (water) Not available.

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

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Explosive properties Not available.

Oxidizing properties Not determined

9.2. Other information

VOC < 7 g/L

SECTION 10: Stability and reactivity

10.1. Reactivity Not available.

10.2. Chemical stability Stable under recommended storage conditions.

10.3. Possibility of hazardous

reactions

Will not occur.

10.4. Conditions to avoid Not available.

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

10.6. Hazardous

Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low melecular weight by dream here.

decomposition products dioxide and/or low molecular weight hydrocarbons.

SECTION 11: Toxicological information

General information Not available.

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 Health injuries are not known or expected under normal use.

Symptoms Not available.

11.1. Information on toxicological effects

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

Components Species Test Results

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

Acute Dermal

LD50 Rat 242 mg/kg

Material name: 3YL79Series sps uk

Components	Species	Test Results	
Inhalation			
LC50	Rat	0.11 mg/l, 4 h	
Oral			
LD50	Rat	120 mg/kg	
Skin corrosion/irritation	Based on available data, the class	ification criteria are not met.	
Serious eye damage/eye irritation	Based on available data, the class	ification criteria are not met.	
Respiratory sensitization	Based on available data, the class	sification criteria are not met.	
Skin sensitization	May cause an allergic skin reactio	n.	
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 class	sification criteria are not met.	
Specific target organ toxicity - repeated exposure	Based on available data, the class	sification criteria are not met.	
Aspiration hazard	Based on available data, the class	sification criteria are not met.	
Mixture versus substance information	Not available.		
Other information	Complete toxicity data are not ava Refer to Section 2 for potential he	ilable for this specific formulation alth effects and Section 4 for first aid measures.	

SECTION 12: Ecological information

Aquatic toxicity Not expected to be harmful to aquatic organisms.

Product	Species	Test Results
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		-		
3YL79Series				
Aquatic				
Acute				
Fish	LC50	Fathead minnow (Pimephales promelas)	> 750 mg/l, 96 hours	
Components		Species	Test Results	
2-methyl-2h-isothiazol-3-one (CAS	3 2682-20-4)			
Acute				
Other	EC50	Pseudokirchnerella subcapitata	0.138 - 0.22 mg/l, 120 h (OECD 201)	
Chronic				
	NOEC	Pseudokirchneriella subcapitata	0.05 mg/l, 120 h (OECD 201)	
Aquatic				
Acute				
Crustacea	EC50	Daphnia magna	1.6 mg/l, 48 h (OECD 202)	
	LC50	Daphnia magna	0.934 mg/l, 48 h (OECD 202)	
Fish	LC50	Oncorhynchus mykiss	4.77 mg/l, 96 h (OECD 203)	
12.2. Persistence and degradability	Not available.			
12.3. Bioaccumulative potential	Not available.			

Partition coefficient Not available.

n-octanol/water (log Kow)

Bioconcentration factor (BCF)

2-methyl-2h-isothiazol-3-one 48.1, Viscera (1972)

Species: Bluegill (Lepomis macrochirus)

5.75, Carcass (1972)

Species: Bluegill (Lepomis macrochirus)

Ethoxylated-2,4,7,9-tetramethyl-5-decyn-4,7-diol 21.09 - 111.7, L/kg wet-wt (EpiSuite v4.11, BCFBAF v3.01)

12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB Not a PBT or vPvB substance or mixture.

assessment

12.6. Other adverse effects Not available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Not available. Residual waste Contaminated packaging Not available. EU waste code Not available.

Disposal methods/information 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.

SECTION 14: Transport information

DOT

UN number Not available. **UN** proper shipping name Not Regulated

Transport hazard class(es)

Not available.

Subsidiary risk

Not available. Packing group

Environmental hazards

Marine pollutant No

Special precautions for user Not available.

IATA

UN number Not available. **UN** proper shipping name Not Regulated

Transport hazard class(es)

Not available. Class

Subsidiary risk

Not available. **Packing group**

Environmental hazards

Special precautions for user Not available.

IMDG

Not available. **UN number UN proper shipping name** Not Regulated

Transport hazard class(es)

Class Not available.

Subsidiary risk

Not available. Packing group

Transport hazard class(es)

Marine pollutant Nο

Not available. **EmS** Special precautions for user Not available.

ADR

Not available. **UN number UN proper shipping name** Not Regulated

Transport hazard class(es)

Class Not available.

Subsidiary risk

Not available. Hazard No. (ADR) Not available. **Tunnel restriction code** Not available. Packing group

Environmental hazards No

Special precautions for user Not available.

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.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture **EU** regulations

Material name: 3YL79Series SDS UK 12969 Version #: 12 Revision date: 19-Apr-2021 Issue date: 13-Mar-2019

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other 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.

Other information This Safety Data Sheet complies with the requirements of Regulation (EU) 2015/830.

Classification according to Regulation (EC) No 1272/2008 as amended. Specific Provisions: Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (in

the amended version OJ L 396 from 29.05.2007 page 3 with further rectifications and

amendments).

National regulations

15.2. Chemical safety

assessment

Not available.

See attached SUMI or GEIS document, if applicable.

SECTION 16: Other information

References Regulation (EC) No. 1907/2006 of December 18, 2006 concerning the Registration, Evaluation,

Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals

Agency (REACH).

Regulation (EU) 2015/830 of May 28, 2015 amending Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 of December 16, 2008 on classification, labeling and packaging of

substances and mixtures, and amendments (CLP).

H314 Causes severe skin burns and eye damage.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H301 Toxic if swallowed. H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

Material name: 3YL79Series

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. 1. Product and Company Identification: EU Poison Center

Training information

Disclaimer

Revision information

3. Composition / Information on Ingredients: Disclosure Overrides

Follow training instructions when handling this material.

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

Cleveland Open Cup COC

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

Resource Conservation and Recovery Act **RCRA**

REC Recommended

REL Recommended Exposure Limit

Superfund Amendments and Reauthorization Act of 1986 SARA

STEL Short-Term Exposure Limit

TCLP Toxicity Characteristics Leaching Procedure

TLV Threshold Limit Value

Toxic Substances Control Act **TSCA** VOC Volatile Organic Compounds

Material name: 3YL79Series SDS LIK

Safe Use of Mixture Information (SUMI)

Water Based Ink: WB01 *English*

Disclaimer

This SUMI is a generic document for communicating conditions of safe use of a product in response to the REACH obligation. This document relates only to conditions of safe use and is not specific to a product. By adding this SUMI to a specific product SDS, the importer/formulator declares that the mixture can safely be used following the instructions below. Following occupational health legislation, the employer of workers remains responsible for communicating relevant use information to employees. When developing workplace instructions for employees, SUMI Sheets should always be considered in combination with the SDS and the label of the product. Derived No Effect Levels (DNEL) and Predicted No Effect Concentration (PNEC) values of substances derived from the Chemical Safety Assessment (CSA) will be given in section 8 of the SDS.

The REACH registration number(s), where applicable, completes an extended product SDS.

Operational conditions	
Maximum duration	Up to 8 hours per day
Frequency of exposure	< 240 days per year
Process conditions	Covers use at ambient temperatures.
	Adequate ventilation should be provide for the areas where printing is performed. ANSI/ASHRAE Standard 62.1-2013 provides
	guidelines to ensure acceptable air quality in the workspace.
	Avoid direct contact.
	Regular cleaning of equipment and work area.
	Supervision in place to check that Risk Management Measures are in place are being correctly used and Operational Conditions
	followed.
Risk management measures	
Conditions and measures	Wear safety glasses with side shields (or goggles), if splashing is possible.

related to Personal Protection Equipment, hygiene and health evaluation

Wear appropriate chemical resistent gloves: see section 8 of the SDS.

Wear appropriate chemical resistent clothing.

In case of inadequate ventilation wear respiratory protection.

Eye wash fountain and emergency showers are recommended.

Avoid breathing mist/vapours.

Avoid contact with skin, eyes and clothing.

Training of workers in relation to proper use and maintenance of all Personal protection equipment (PPE) must be ensured.









Good practice advice

Use personal protective equipment as required.

Wash hands before breaks and after work.

Keep good industrial hygiene and safety practice.

Use only with adequate ventilation.

Do no eat, drink or smoke when using this product.

Wash contaminated clothing before reuse.

Store at room temperature.





Environmental measures

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 appropriately licenced waste contractor.

Use descriptors

IS-Use at industrial sites

PW-Widespread use by professional workers

SU7-Printing and reproduction media

PC18-Inks and Toners

PROC1-Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.

PROC2-Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC8a-Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b-Transfer of substance or mixture (charging and discharging) at dedicated facilities

ERC5-Use at industrial site leading to inclusion into/onto article

ERC8c-Widespread use leading to inclusion into/onto article (indoor)

Additional information on product composition

In section 2 of the SDS as well as on the label, the classification of the mixture is provided.

Most of the water based inks are "not classified".

The classification of the mixture is based on the individuel ingredients and their concentration within the mixture.

All ingredients contributing to the classification are stated in Section 3 of the SDS.

Relevant limit values of ingredients on which the exposure assessment is based, are listed in section 8 of the SDS.

The product may contain sensitizing ingredients that may cause allergic reaction to certain people.

Section 2 of the SDS states these ingredients where applicable.