

# SAFETY DATA SHEET

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

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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

W3T10BSeries

of the mixture

Registration number

**Synonyms** HP 2590 Issue date 05-Aug-2019

Version number 07

**Revision date** 08-Apr-2021 22-Dec-2020 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

Physical hazards

Flammable liquids Category 2 H225 - Highly flammable liquid and

vapor.

**Environmental hazards** 

Hazardous to the aquatic environment, acute Category 1

aquatic hazard

H410 - Very toxic to aquatic life Hazardous to the aquatic environment, Category 1

long-term aquatic hazard

with long lasting effects.

#### 2.2. Label elements

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

Ethyl Acetate, Ethyl Alcohol Contains:

**Hazard pictograms** 



Signal word Danger

Material name: W3T10BSeries SDS UK **Hazard statements** 

H410 Very toxic to aquatic life with long lasting effects.

H225 Highly flammable liquid and vapor.

**Precautionary statements** 

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P235 Keep cool.

P240 Ground/Bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

Response

P370 + P378 In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.

P391 Collect spillage.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal

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

Supplemental label information None

**2.3. Other hazards** Prolonged or repeated skin contact may cause drying, cracking, or irritation.

# **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### **General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ethyl Alcohol	<90	64-17-5 200-578-6	-	603-002-00-5	
Classification:	Flam. Liq. 2;H225				
Ethyl Acetate	<7.5	141-78-6 205-500-4	-	607-022-00-5	
Classification:	Flam. Liq. 2;H225, Eye	Irrit. 2;H319, STOT	SE 3;H336		
Chromium, 1-[2-[5-(1,1-dimethylpro -3-nitrophenyl]diazenyl] ol 1-[2-[2-hydroxy-4(or 5)-nitrophenyl]diazenyl] ol Ammonium Sodium (	-2-naphthalen -2-naphthalen	1029600-34-7 700-174-4	-	-	
Classification:	Aquatic Chronic 2;H41	1			

# **SECTION 4: First aid measures**

General information Not available.

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and

Not available.

delayed

Material name: W3T10BSeries SDS UK

4.3. Indication of any immediate medical attention and special treatment needed Not available.

# **SECTION 5: Firefighting measures**

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing

media

Suitable extinguishing media: sand, carbon dioxide (CO2) or dry chemical.

Unsuitable extinguishing

media

Not available.

5.2. Special hazards arising from the substance or mixture

Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighters should wear full protective clothing including self contained breathing apparatus. Avoid

runoff into storm sewers and ditches which lead to waterways.

Special fire fighting procedures

Move containers from fire area if you can do it without risk.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

Avoid contact with skin. Avoid inhalation of vapors or mists.

personnel

Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of

ianition.

Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor

formation use a respirator with an approved filter.

For emergency responders Not available.

6.2. Environmental precautions Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up Not available.

6.4. Reference to other

Not available.

sections

#### SECTION 7: Handling and storage

7.1. 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.

7.2. 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.

7.3. Specific end use(s) Not available.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### Occupational exposure limits

# **UK. EH40 Workplace Exposure Limits (WELs)**

Components	Туре	Value	
Ethyl Acetate (CAS 141-78-6)	STEL	400 ppm	
	TWA	200 ppm	
Ethyl Alcohol (CAS 64-17-5)	TWA	1920 mg/m3	
		1000 ppm	

**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 concentrations (PNECs) Not available.

8.2. Exposure controls

Material name: W3T10BSeries SDS UK Appropriate engineering

controls

Not available.

Individual protection measures, such as personal protective equipment

General information Not available.

**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 mil 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.

**Hygiene measures** 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.

**Environmental exposure** 

controls

Not available.

# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

**Appearance** 

Not available. **Physical state Form** Liquid. Color Black. Odor Solvent. Not available. **Odor threshold** Not available. pН Not available. Melting point/freezing point Initial boiling point and boiling Not available.

range

Flash point 37.4 °F (3.0 °C) Setaflash Closed Cup

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 temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Explosive propertiesNot available.Oxidizing propertiesNot available.

9.2. Other information

VOC 745 g/I US EPA Method 24

## **SECTION 10: Stability and reactivity**

**10.1. Reactivity** Not available.

**10.2. Chemical stability** Stable at normal conditions.

10.3. Possibility of hazardous

reactions

None known.

**10.4. Conditions to avoid** Heat, flames and sparks.

Material name: W3T10BSeries

SDS UK

10.5. Incompatible materials

10.6. Hazardous

Not available.

decomposition products

Not available.

## **SECTION 11: Toxicological information**

**General information** Not available.

Information on likely routes of exposure

Inhalation may result in mild irritation to the respiratory system. Inhalation

Skin contact Contact with skin may result in mild irritation. Eye contact Contact with eyes may result in mild irritation. Ingestion is not a likely route of exposure. Ingestion

**Symptoms** Not available.

#### 11.1. Information on toxicological effects

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

Based on available data, the classification criteria are not met. Respiratory sensitization Skin sensitization Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. Germ cell mutagenicity 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.

Mixture versus substance

information

Not available.

Other 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.

## **SECTION 12: Ecological information**

12.1. Toxicity

**Aquatic toxicity** Very toxic to aquatic life with long lasting effects. Static acute toxicity (trout), survival (10 mg/L) =

0%

Components **Species Test Results** 

Ethyl Alcohol (CAS 64-17-5)

Aquatic

Crustacea EC50 Daphnia 9268, 48 Hours Fish LC50 Fish 12900, 96 Hours

12.2. Persistence and Not available

degradability

12.3. Bioaccumulative potential Not available.

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

> Ethyl Acetate 0.73 Ethyl Alcohol -0.31

**Bioconcentration factor (BCF)** Not available. 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.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Material name: W3T10BSeries 15017 Version #: 07 Revision date: 08-Apr-2021 Issue date: 05-Aug-2019

SDS UK

Residual waste Not available.

Contaminated packaging Not available.

EU waste code Not available.

**Disposal methods/information** 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.

# **SECTION 14: Transport information**

## DOT

UN number UN1210 UN proper shipping name Printing ink

Transport hazard class(es)

Class 3
Subsidiary risk Packing group II
Environmental hazards

Marine pollutant No

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



Material name: W3T10BSeries



**Further information** 

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

Not a marine pollutant or environmental hazard when shipping ≤ 5L containers.

## **SECTION 15: Regulatory information**

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

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

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 Not listed.

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

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 Not listed.

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

Ethyl Acetate (CAS 141-78-6) Ethyl Alcohol (CAS 64-17-5)

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 Not available

**15.2. Chemical safety** See attached SUMI or GEIS document, if applicable.

assessment

Material name: W3T10BSeries sps uk

#### **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).

Information on evaluation method leading to the

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

classification of mixture
Full text of any H-statements
not written out in full under

H225 Highly flammable liquid and vapor.

H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

Revision information Training information

Disclaimer

Sections 2 to 15

1. Product and Company Identification: EU Poison Center 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

**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)

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

Material name: W3T10BSeries sps.uk

15017 Version #: 07 Revision date: 08-Apr-2021 Issue date: 05-Aug-2019

## Safe Use of Mixture Information (SUMI)

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## Solvent based inks: SB01 \*English\*

#### Disclaime

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.

Up to 8 hours per day			
< 240 days per year			
Covers use at ambient temperatures.  Use of an integrated local exhaust ventilation is required in drying zone.  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.			
Use explosion proof electrical equipment.  Keep emissions below the occupational exposure limits of the ingredients specified in section 8 of the SDS.  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 related to Personal Protection Equipment, hygiene and health evaluation

Wear safety glasses with side shields (or goggles), if splashing is possible.

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.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Store in a well-ventilated place.

Keep container tightly closed.

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

S-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.

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.