

**SAFETY DATA SHEET**

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

SDS #: F-60031

**HF Aqueous Ink - yellow**

Issuing Date 13-Mar-2017

Revision date 07-Oct-2025

Revision Number 1

**European Version Only**

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

1.1. Product identifier

**Product Name** HF Aqueous Ink for Xerox® Trivor® 2400 HF Inkjet Press  
**Part no.** 008R13246  
Other means of identification

**Pure substance/mixture** Mixture

**Colour** yellow

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

**Recommended use** Ink jet printing

**Uses advised against** No information available

1.3. Details of the supplier of the safety data sheet

**Supplier**  
 Xerox Ltd.  
 Uxbridge Business Park  
 Building 4  
 Sanderson Road  
 Uxbridge  
 Middlesex. UB8 1DH, UK

For further information, please contact

**Contact Point** Manager, Environment, Health, Safety & Sustainability

**E-mail address** ehs-europe@xerox.com

**Non-Emergency Telephone Number** ++44 (0)1707 353434

**For the most current document** <https://safetysheets.business.xerox.com>

1.4. Emergency telephone number

**Emergency Telephone** +44 1865 407333

<b>Emergency Telephone - §45 - (EC)1272/2008</b>	
<b>Europe</b>	112

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**2.2. Label elements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].  
EUH210 - Safety data sheet available on request.

**2.3. Other hazards****Other hazards**

Not applicable.

**PBT & vPvB**

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Water	50-75	7732-18-5	231-791-2	--	--
Aliphatic alcohol	15-30	Proprietary	Listed	--	--
1,2-Hexanediol	<10	6920-22-5	230-029-6	Eye Irrit. 2 (H319)	--
Yellow pigment	<8	Proprietary	Listed	--	--
Methacrylate resin	<2	Proprietary	Not Listed	--	--
Triethanolamine	<1	102-71-6	203-049-8	--	--
1,2-Benzisothiazolin-3-one	<0.036	2634-33-5	220-120-9	Acute Tox. 2/inhal.(ATE = 0.21 mg/L, dusts or mists) (H330) Acute Tox. 4/oral (ATE = 450 mg/kg bw) (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (C ≥ 0.036 %) (H317) Aquatic Acute 1 (M)	--

				= 1) (H400) Aquatic Chronic 1 (M = 1) (H410)	
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**Note**

Full text of H- statements: see section 16

"-" indicates no classification or hazard statements apply.

Components marked as "Not Listed" are exempt from registration.

Where no REACH registration number is listed, it is considered confidential to the Only Representative.

**Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Water	89838.9	No data available	No data available	No data available	No data available
Aliphatic alcohol	20000	20800	No data available	No data available	No data available
Triethanolamine	4190	20000	No data available	No data available	No data available
1,2-Benzisothiazolin-3-one	450 + 1020	2000	0.21 +	No data available	No data available

+ This value is the harmonized acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonized ATE value must be used when calculating the acute toxicity estimate (ATEmix) for classifying a mixture containing the listed substance

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59).

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General advice</b>	For external use only. Get medical attention if irritation or other symptoms occur. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	IF SWALLOWED: Do not induce vomiting without medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Prolonged contact may cause redness and irritation.
<b>Effects of Exposure</b>	No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Note to doctors Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use water spray or fog; do not use straight streams.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** Do not allow run-off from fire-fighting to enter drains or water courses.

**Hazardous combustion products** Thermal decomposition can lead to release of irritating gases and vapours.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** In case of fire: Wear self-contained breathing apparatus. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with skin and eyes. Use personal protective equipment as required.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dyke to collect large liquid spills. Keep out of drains, sewers, ditches and waterways.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Ensure adequate ventilation.

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

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**Storage class (TRGS 510)** LGK 10.

### 7.3. Specific end use(s)

**Specific use(s)**

Ink jet printing.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

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

### 8.1. Control parameters

#### Exposure Limits

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Aliphatic alcohol	-	-	-	-	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>
Triethanolamine	-	TWA: 0.8 ppm TWA: 5 mg/m <sup>3</sup> STEL 1.6 ppm STEL 10 mg/m <sup>3</sup> S+	TWA: 5 mg/m <sup>3</sup>	-	-
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Triethanolamine	-	TWA: 5 mg/m <sup>3</sup> Sk* Ceiling: 10 mg/m <sup>3</sup>	TWA: 0.5 ppm TWA: 3.1 mg/m <sup>3</sup> STEL: 1 ppm STEL: 6.2 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> S+	TWA: 5 mg/m <sup>3</sup>
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Triethanolamine	-	TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Peak: 1 mg/m <sup>3</sup>	-	-
1,2-Benzisothiazolin-3-one	-	-	skin sensitizer	-	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Aliphatic alcohol	TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> STEL: 1410 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm	-	-	TWA: 7 mg/m <sup>3</sup>	TWA: 7 mg/m <sup>3</sup>
Triethanolamine	TWA: 5 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	-	TWA: 5 mg/m <sup>3</sup>	-	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> J+
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland

Aliphatic alcohol	-	-	-	TWA: 25 ppm TWA: 79 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 118.5 mg/m <sup>3</sup>	TWA: 100 mg/m <sup>3</sup>
Triethanolamine	-	-	-	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	-
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Triethanolamine	TWA: 5 mg/m <sup>3</sup>	-	-	-	TWA: 5 mg/m <sup>3</sup>
Chemical name	Sweden		Switzerland		United Kingdom
Aliphatic alcohol	-		-		TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>
Triethanolamine	NGV: 5 mg/m <sup>3</sup> NGV: 0.8 ppm Vägledande KGV: 10 mg/m <sup>3</sup> Vägledande KGV: 1.6 ppm Sk*		TWA: 5 mg/m <sup>3</sup> STEL: 5 mg/m <sup>3</sup>		-

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
1,2-Hexanediol	-	17.5 mg/kg bw/day [4] [6]	123 mg/m <sup>3</sup> [4] [6]
Triethanolamine	-	7.5 mg/kg bw/day [4] [6] 140 µg/cm <sup>2</sup> [5] [6]	1 mg/m <sup>3</sup> [5] [6]
1,2-Benzisothiazolin-3-one	-	0.966 mg/kg bw/day [4] [6]	6.81 mg/m <sup>3</sup> [4] [6]

#### Notes

- [4] Systemic health effects.  
[5] Local health effects.  
[6] Long term.  
[7] Short term.

#### Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
1,2-Hexanediol	8.8 mg/kg bw/day [4] [6]	-	30 mg/m <sup>3</sup> [4] [6]
Triethanolamine	3.3 mg/kg bw/day [4] [6]	70 µg/cm <sup>2</sup> [5] [6]	0.4 mg/m <sup>3</sup> [5] [6]
1,2-Benzisothiazolin-3-one	-	-	1.2 mg/m <sup>3</sup> [4] [6]

#### Notes

- [4] Systemic health effects.  
[5] Local health effects.  
[6] Long term.  
[7] Short term.

#### Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Aliphatic alcohol	260 mg/L	183 mg/L	26 mg/L	-	-
Triethanolamine	0.32 mg/L	5.12 mg/L	0.032 mg/L	-	-
1,2-Benzisothiazolin-3-one	4.03 µg/L	1.1 µg/L	0.403 µg/L	110 ng/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Aliphatic alcohol	572 mg/kg sediment dw	57.2 mg/kg sediment dw	20000 mg/L	50 mg/kg soil dw	-
Triethanolamine	1.7 mg/kg sediment dw	0.17 mg/kg sediment dw	10 mg/L	0.151 mg/kg soil dw	-
1,2-Benzisothiazolin-3-one	49.9 µg/kg sediment dw	4.99 µg/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	-

## 8.2. Exposure controls

<b>Engineering controls</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal protective equipment</b>	
<b>Eye/face protection</b>	If splashes are likely to occur, wear safety glasses with side-shields.
<b>Hand protection</b>	Protective gloves.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Thermal hazards</b>	None under normal processing.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Opaque
<b>Colour</b>	yellow
<b>Odour</b>	Slight.
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting point / freezing point</b>	Not applicable	None known
<b>Initial boiling point and boiling range</b>	Not applicable	None known

Flammability	Not flammable	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Flash point	> 100 °C	None known
Autoignition temperature	Not applicable	None known
Decomposition temperature	Not applicable	None known
pH	7 - 9.5	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	Not applicable	None known
Dynamic viscosity	Not applicable	None known
Water solubility	Dispersible	None known
Solubility(ies)	No data available	None known
Partition coefficient	Not applicable	None known
Vapour pressure	Not applicable	None known
Relative density		None known
Bulk density	Not applicable	
Liquid Density	Not applicable	
Relative vapour density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

**9.2. Other information**

Softening point	Not applicable
VOC content	None

**9.2.1. Information with regards to physical hazard classes**

Explosive properties	Not applicable
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**9.2.2. Other safety characteristics**

No information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity	No dangerous reaction known under conditions of normal use.
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**10.2. Chemical stability**

Stability	Stable under normal conditions.
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**Explosion data**

Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions	None under normal processing.
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Hazardous polymerisation	Hazardous polymerisation does not occur.
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**10.4. Conditions to avoid**

**Conditions to avoid** Extremes of temperature and direct sunlight.

#### 10.5. Incompatible materials

**Incompatible materials** None known based on information supplied.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Undefined, but may include toxic oxides of carbon and nitrogen.

### **SECTION 11: Toxicological information**

**Note:** The toxicity data noted below is based on the test results of similar reprographic materials.

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Information on likely routes of exposure

**Inhalation** No known effects under normal use conditions.

**Eye contact** May cause irritation.

**Skin contact** May cause irritation.

**Ingestion** Not an expected route of exposure.

##### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** None known.

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

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

##### **Numerical measures of toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg ( Rat )	-	-
Aliphatic alcohol	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
Triethanolamine	= 4190 mg/kg ( Rat )	20 mL/kg ( Rabbit ) 16 mL/kg ( Rat )	-
1,2-Benzisothiazolin-3-one	= 1020 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-

**Skin corrosion/irritation** May cause skin irritation.

**Serious eye damage/eye irritation** Irritating to eyes.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Not mutagenic in AMES Test.

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

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

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

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** This mixture does not contain any substance that has endocrine disrupting properties with respect to humans.

**11.2.2. Other information**

**Neurological effects** No information available.

**Other adverse effects** Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity** Not considered to be harmful to aquatic life.

**Chronic Aquatic Toxicity** On available data, substance is not harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aliphatic alcohol	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: 41 - 47mg/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas) LC50: =710mg/L (96h, Pimephales promelas)	-	EC50: >1000mg/L (48h, Daphnia magna)
Triethanolamine	EC50: =216mg/L (72h, Desmodesmus subspicatus) EC50: =169mg/L (96h, Desmodesmus subspicatus)	LC50: 10600 - 13000mg/L (96h, Pimephales promelas) LC50: >1000mg/L (96h, Pimephales promelas) LC50: 450 - 1000mg/L (96h, Lepomis macrochirus)	-	-

**12.2. Persistence and degradability**

**Persistence and degradability** Not readily biodegradable.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulation**

Chemical name	Partition coefficient
Aliphatic alcohol	-1.07
1,2-Hexanediol	0.58
Triethanolamine	-2.53
1,2-Benzisothiazolin-3-one	0.99

### **12.4. Mobility in soil**

#### **Mobility in soil**

The product is insoluble and floats on water.

### **12.5. Results of PBT and vPvB assessment**

#### **PBT and vPvB assessment**

The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Aliphatic alcohol	The substance is not PBT / vPvB
1,2-Hexanediol	The substance is not PBT / vPvB
Yellow pigment	The substance is not PBT / vPvB
Triethanolamine	The substance is not PBT / vPvB
1,2-Benzisothiazolin-3-one	The substance is not PBT / vPvB

### **12.6. Endocrine disrupting properties**

#### **Endocrine disrupting properties**

This mixture does not contain any substance that has endocrine disrupting properties with respect to non-target organisms.

### **12.7. Other adverse effects**

#### **Other adverse effects**

No information available.

#### **PMT or vPvM properties**

The product does not contain any substance(s) classified as PMT or vPvM.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Waste from residues/unused products**

Can be landfilled or incinerated, when in compliance with local regulations.

#### **Contaminated packaging**

Dispose of contents/containers in accordance with local regulations.

#### **Waste codes / waste designations according to EWC**

08 03 13.

#### **Other information**

Although liquid ink is not an aquatic toxin, microplastics may be a physical hazard to aquatic life and should not be allowed to enter drains, sewers, or waterways.

## **SECTION 14: Transport information**

#### **Note:**

This material is not regulated as a Hazardous Material (Dangerous Good) under 49 CFR, IATA/ICAO, IMO/IMDG, or TDG

#### **IATA**

#### **14.1 UN number or ID number**

Not regulated

#### **14.2 UN proper shipping name**

Not regulated

14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**IMDG**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

**RID**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**ADR**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**ADN**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Aliphatic alcohol	RG 84
Triethanolamine	RG 49
1,2-Benzisothiazolin-3-one	RG 65, RG 66

**Switzerland**

**Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018** Not applicable  
**Storage of Hazardous Material** SC Non-hazardous material  
**WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20** Class B

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Toners and inks are subject to the derogations referred to in Paragraphs 4a and/or 5 (a/b/c) of the Regulation.

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
1,2-Benzisothiazolin-3-one	Product-type 2: Disinfectants and algacides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimecides Product-type 13: Working or cutting fluid preservatives

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**EINECS/ELINCS** Complies  
**ENCS** Contact supplier for inventory compliance status  
**IECSC** Contact supplier for inventory compliance status  
**KECL** Contact supplier for inventory compliance status  
**PICCS** Contact supplier for inventory compliance status  
**AIIC** Contact supplier for inventory compliance status  
**NZIoC** Contact supplier for inventory compliance status  
**TCSI** Contact supplier for inventory compliance status

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals  
**TCSI** - Taiwan Chemical Substance Inventory

### 15.2. Chemical safety assessment

#### Chemical Safety Report

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H318 - Causes serious eye damage  
 H319 - Causes serious eye irritation  
 H330 - Fatal if inhaled  
 H400 - Very toxic to aquatic life  
 H410 - Very toxic to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorisation:  
 PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
 vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
 STOT: Specific Target Organ Toxicity  
 ATE: Acute Toxicity Estimate  
 LC50: 50% Lethal Concentration  
 LD50: 50% Lethal Dose

#### Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitisers		

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	On basis of test data
Acute dermal toxicity	On basis of test data
Acute inhalation toxicity - gas	On basis of test data
Acute inhalation toxicity - vapour	On basis of test data
Acute inhalation toxicity - dust/mist	On basis of test data
Skin corrosion/irritation	On basis of test data
Serious eye damage/eye irritation	On basis of test data
Respiratory sensitisation	On basis of test data
Skin sensitisation	On basis of test data
Mutagenicity	On basis of test data
Carcinogenicity	On basis of test data
Reproductive toxicity	On basis of test data
STOT - single exposure	On basis of test data
STOT - repeated exposure	On basis of test data

Acute aquatic toxicity	On basis of test data
Chronic aquatic toxicity	On basis of test data
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 07-Oct-2025

**Revision Note** SDS sections updated, 3, 13, 15

**Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)**

**Disclaimer**

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**End of Safety Data Sheet**