

**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-60061

**Liquid Ink Black**

Issuing Date 24-Jun-2025

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Revision Number 3

**European Version Only**  
**Restricted to professional users**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product Name** Liquid Ink for Xerox® IJP900 Inkjet Press  
**Part no.** 008R13352, 008R08166  
**Other means of identification**

**Unique Formula Identifier (UFI)** 3720-R0C9-400F-V9H2

**Pure substance/mixture** Mixture

**Colour** Black

**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 1235 239670

Emergency Telephone - §45 - (EC)1272/2008

Europe | 112

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye irritation	Category 2 - (H319)
Skin sensitisation	Category 1A - (H317)
Reproductive toxicity	Category 1B - (H360)

**2.2. Label elements****Signal word**

Danger

**Hazard statements**

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H360 - May damage fertility or the unborn child.

**Precautionary Statements - EU (§28, 1272/2008)**

P264 - Wash hands thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

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

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

P405 - Store locked up.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P363 - Wash contaminated clothing before reuse.

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

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P501 - Dispose of contents as hazardous waste in accordance with local/regional/national/international regulations.

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

Causes mild skin irritation.

**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.

**Special Note**

Contains a chemical that can cause an allergic reaction in susceptible people

**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	40-50	7732-18-5	231-791-2	--	--
Polyhydric alcohol	15-25	Proprietary	Listed	Eye Irrit. 2 (H319)	--
Triethylene glycol, monobutyl ether	10-20	143-22-6	205-592-6	Eye Dam. 1 (C ≥ 30 %) (H318) Eye Irrit. 2 (20 % ≤ C < 30 %) (H319)	--
Carbon black	5-10	1333-86-4	215-609-9	--	--
Glycerin	4-8	56-81-5	200-289-5	--	--
2-Pyrrolidone	<4	616-45-5	210-483-1	Eye Irrit 2 (C ≥ 10 %) (H319) Repro Tox 1B (C ≥ 3 %) (H360)	--
Acrylate - based copolymer	1-2	Proprietary	--	--	--
2-methyl-2H-isothiazol-3-one	<0.01	2682-20-4	220-239-6	Acute Tox. 3 (oral) (H301) Acute Tox. 3 (dermal) (H311) Acute Tox. 2 (inhalation) (H330) Skin corr. 1B (H314) Eye Dam. 1 (H318) Skin sens. 1A (C ≥ 0.0015 %) (H317) Aquatic Acute 1 (M=10) (H400) Aquatic Chronic 1 (M=1) (H410)	--
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)	--

**Note**

"--" 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 (ATE<sub>mix</sub>) 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
Triethylene glycol, monobutyl ether	5300	3540	No data available	No data available	No data available
Carbon black	10000	2000	0.0046	No data available	No data available
Glycerin	27200	10000	5.85	No data available	No data available
2-Pyrrolidone	328	2000	No data available	No data available	No data available
2-methyl-2H-isothiazol-3-one	232 120	200	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 harmonised acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonised ATE value must be used when calculating the acute toxicity estimate (ATE<sub>mix</sub>) 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. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Clean mouth with water. If possible drink milk afterwards. Consult a doctor if necessary. Do NOT induce vomiting.

### **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 protective 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.  
Do not allow into any sewer, on the ground or into any body of water

### **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. Ensure adequate ventilation. Avoid breathing vapours or mists. Avoid contact with skin and eyes. Do not ingest. If swallowed then seek immediate medical assistance.

**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 containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

**Storage class (TRGS 510)** LGK 6.1C.

**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
Carbon black	-	-	TWA: 3 mg/m <sup>3</sup>	-	TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>
Glycerin	-	-	TWA: 10 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>
2-methyl-2H-isothiazol-3-one	-	TWA: 0.05 mg/m <sup>3</sup> Sh+	-	-	-
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Carbon black	-	TWA: 2.0 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>
Glycerin	-	TWA: 10 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>	TWA: 20 mg/m <sup>3</sup>
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Carbon black	TWA: 3.5 mg/m <sup>3</sup>	-	-	TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>	TWA: 3 mg/m <sup>3</sup>
Glycerin	TWA: 10 mg/m <sup>3</sup>	TWA: 200 mg/m <sup>3</sup>	TWA: 200 mg/m <sup>3</sup> Peak: 400 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	-
2-methyl-2H-isothiazol-3-one	-	-	TWA: 0.2 mg/m <sup>3</sup> Peak: 0.4 mg/m <sup>3</sup> skin sensitizer	-	-
1,2-Benzisothiazolin-3-one	-	-	skin sensitizer	-	-
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Carbon black	TWA: 3 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	-	TWA: 3 mg/m <sup>3</sup>	-	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Carbon black	-	-	-	TWA: 3.5 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup>

				STEL: 7 mg/m <sup>3</sup>	
Glycerin	-	-	-	-	TWA: 10 mg/m <sup>3</sup>
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Carbon black	TWA: 3 mg/m <sup>3</sup>	-	TWA: 2 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> Ceiling: 10 mg/m <sup>3</sup>	-	TWA: 3.5 mg/m <sup>3</sup>
Glycerin	TWA: 10 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>	TWA: 200 mg/m <sup>3</sup> STEL: 400 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Chemical name	Sweden		Switzerland		United Kingdom
Carbon black	NGV: 3 mg/m <sup>3</sup>		-		TWA: 3.5 mg/m <sup>3</sup> STEL: 7 mg/m <sup>3</sup>
Glycerin	-		TWA: 50 mg/m <sup>3</sup> STEL: 100 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>
2-methyl-2H-isothiazol-3-one	-		TWA: 0.2 mg/m <sup>3</sup> STEL: 0.4 mg/m <sup>3</sup> S+		-

**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
Polyhydric alcohol	-	10 mg/kg bw/day [4] [6]	98.7 mg/m <sup>3</sup> [4] [6]
Carbon black	-	-	1 mg/m <sup>3</sup> [4] [6]
2-Pyrrolidone	-	4.2 mg/kg bw/day [4] [6]	29.62 mg/m <sup>3</sup> [4] [6]
2-methyl-2H-isothiazol-3-one	-	-	0.021 mg/m <sup>3</sup> [5] [6] 0.043 mg/m <sup>3</sup> [5] [7]
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
Polyhydric alcohol	5 mg/kg bw/day [4] [6]	-	17.4 mg/m <sup>3</sup> [4] [6]
Carbon black	-	-	0.06 mg/m <sup>3</sup> [4] [6]
2-Pyrrolidone	0.67 mg/kg bw/day [4] [6]	-	1.985 mg/m <sup>3</sup> [4] [6]
2-methyl-2H-isothiazol-3-one	0.027 mg/kg bw/day [4] [6] 0.053 mg/kg bw/day [4] [7]	-	0.021 mg/m <sup>3</sup> [5] [6] 0.043 mg/m <sup>3</sup> [5] [7]
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
Carbon black	50 mg/L	-	-	-	-
2-Pyrrolidone	0.5 mg/L	5 mg/L	0.05 mg/L	-	-
2-methyl-2H-isothiazol-3-one	3.39 µg/L	3.39 µg/L	3.39 µg/L	3.39 µg/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
2-Pyrrolidone	2.17 mg/kg sediment dw	0.217 mg/kg sediment dw	10 mg/L	0.14 mg/kg soil dw	-
2-methyl-2H-isothiazol-3-one	-	-	0.23 mg/L	0.0471 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>	Wear safety glasses with side shields (or goggles).
<b>Hand protection</b>	Wear suitable gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing.
<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>Colour</b>	Black
<b>Odour</b>	Slight.
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	Not applicable	None known
Initial boiling point and boiling range	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	Cleveland Open Cup
Autoignition temperature	Not applicable	None known
Decomposition temperature	Not applicable	None known
pH	8 - 9	@ 25 °C
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	5 - 10	None known
Dynamic viscosity	Not applicable	None known
Water solubility	Miscible in water	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	
<b><u>9.2. Other information</u></b>		
Softening point	Not determined	
VOC content	No data available	

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

Explosive properties                      Not applicable

#### 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.

### 10.2. Chemical stability

Stability                                        Stable under normal conditions.

#### 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.

**Hazardous polymerisation** Hazardous polymerisation does not occur.

#### 10.4. Conditions to avoid

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

#### 10.5. Incompatible materials

**Incompatible materials** Alkali. Metals. Peroxides.

#### 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** Causes eye irritation.

**Skin contact** Causes mild skin irritation.

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

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

**Symptoms** Prolonged contact may cause redness and irritation.

##### 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**

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral) 22,783.00 mg/kg

ATEmix (dermal) 15,748.00 mg/kg

ATEmix (inhalation-gas) 99,999.00 ppm

ATEmix (inhalation-vapour) 99,999.00 mg/L

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg ( Rat )	-	-
Triethylene glycol, monobutyl ether	= 5300 mg/kg ( Rat )	= 3540 mg/kg ( Rabbit )	-
Carbon black	> 10000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 4.6 mg/m <sup>3</sup> ( Rat ) 4 h
Glycerin	= 27200 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 5.85 mg/L ( Rat ) 4 h
2-Pyrrolidone	6500 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 80 ppm ( Rat ) 8 h
2-methyl-2H-isothiazol-3-one	232 - 249 mg/kg ( Rat ) = 120 mg/kg ( Rat )	= 200 mg/kg ( Rabbit )	= 0.11 mg/L ( Rat ) 4 h
1,2-Benzisothiazolin-3-one	= 1020 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	-

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**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

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

**Carcinogenicity** Carbon Black is classified by IARC (International Agency for Research on Cancer) as "possibly carcinogenic to humans" when present as "airborne, unbound particles of respirable size." This classification does not apply to liquid inks.

**Reproductive toxicity** Contains a known or suspected reproductive toxin.

**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

#### 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

Do not allow into any sewer, on the ground or into any body of water

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Polyhydric alcohol	-	LC50: >100mg/L (96h, <i>Oryzias latipes</i> )	-	-
Triethylene glycol, monobutyl ether	EC50: >500mg/L (72h, <i>Desmodesmus</i> )	LC50: =2400mg/L (96h, <i>Pimephales promelas</i> )	-	EC50: >500mg/L (48h, <i>Daphnia magna</i> )

	subspicatus)			
Glycerin	-	LC50: 51 - 57mL/L (96h, Oncorhynchus mykiss)	-	-
2-Pyrrolidone	EC50: =250mg/L (72h, Desmodosmus subspicatus) EC50: =84mg/L (96h, Desmodosmus subspicatus)	LC50: 4600 - 10000mg/L (96h, Brachydanio rerio)	-	-

**12.2. Persistence and degradability**

**Persistence and degradability** Not readily biodegradable.

**12.3. Bioaccumulative potential****Bioaccumulation**

Chemical name	Partition coefficient
Polyhydric alcohol	0.03
Triethylene glycol, monobutyl ether	0.51
Glycerin	-1.75
2-Pyrrolidone	-0.71
2-methyl-2H-isothiazol-3-one	-0.26
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
Polyhydric alcohol	Not PBT/vPvB
Triethylene glycol, monobutyl ether	Not PBT/vPvB
Carbon black	Not PBT/vPvB
Glycerin	Not PBT/vPvB
2-Pyrrolidone	Not PBT/vPvB
2-methyl-2H-isothiazol-3-one	Not PBT/vPvB
1,2-Benzisothiazolin-3-one	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.

<b>Contaminated packaging</b>	Dispose of contents/containers in accordance with local regulations.
<b>Waste codes / waste designations according to EWC</b>	08 03 12*.
<b>Other information</b>	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. Do Not Pour Product Down the Drain; Do Not Rinse the Container Before Disposal.

## SECTION 14: Transport information

### 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
Triethylene glycol, monobutyl ether	RG 84
Carbon black	RG 16, RG 16bis
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 8

**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

**EU - Plant Protection Products (1107/2009/EC)**

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Carbon black	Plant protection agent

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

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
2-methyl-2H-isothiazol-3-one	Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slicicides Product-type 13: Working or cutting fluid preservatives Product-type 6: Preservatives for products during storage
1,2-Benzisothiazolin-3-one	Product-type 2: Disinfectants and algicides 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: Slicicides Product-type 13: Working or cutting fluid

	preservatives
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**International Inventories**

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

- H301 - Toxic if swallowed  
H302 - Harmful if swallowed  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
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	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
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	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	On basis of test data
Reproductive toxicity	On basis of test data
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

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

U.S. 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)  
 U.S. 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)  
 Japan 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)  
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
 United Nations World Health Organization (WHO)

**Revision date** 01-May-2026

**Revision Note**

Part number 008R08166 added, SDS sections updated, 9

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

**Disclaimer**

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**End of Safety Data Sheet**