

# SAFETY DATA SHEET

according to Regulation (EC) No. 2020/878 as amended

SDS # : F-60054

## HD Aqueous Ink - Black

Issuing Date 02-23-2021

Revision date 12-17-2024

Revision Number 7

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

**Product Name** HD Aqueous Ink for Xerox® Trivor® 2400 HD Inkjet Press, Xerox® Impika® Compact, Evolution, Reference Inkjet Presses  
**Part no.** 008R13311  
**UFI** 5W10-Q0KP-W00F-7X5T  
**Colour** Black

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

**Recommended Use** Ink jet printing

#### 1.3 Details of the supplier of the safety data sheet

**Supplier** Xerox Europe Limited  
Xerox Technology Park  
Dublin Road  
Dundalk  
Co. Louth  
Ireland

#### For further information, please contact

**Contact person** Manager, Environment, Health,  
Safety & Sustainability  
**Phone** +353 429387410  
**Fax** -  
**E-mail address** ehs-europe@xerox.com

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

#### 1.4 Emergency telephone number

+44 1865 407333  
112 – ask for Poisons Information

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

Serious eye damage/eye irritation	Category 2
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#### 2.2 Label elements

**GHS Label elements, including precautionary statements**  
**Hazard symbols**

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**Signal word**

Warning

**Hazard statements**

**Precautionary statements**

H319 - Causes serious eye irritation

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

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

P313 - Get medical advice/attention

**UFI**

5W10-Q0KP-W00F-7X5T

**2.3 Other hazards**

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

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Chemical name	Weight-%	CAS No.	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard Statements	REACH registration number
Water	50-70	7732-18-5	231-791-2	--	--	--
Glycerin	15-25	56-81-5	200-289-5	--	--	--
Carbon black	5-10	1333-86-4	215-609-9	--	--	01-2119384822-32-0065
2-Pyrrolidone	<3	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Triethylene glycol, monobutyl ether	<3	143-22-6	205-592-6	Eye Dam. 1	H318	--
Polyethylene glycol monobutyl ether	<0.5	9004-77-7	500-012-0	Eye Dam. 1	H318	--
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) Acute Tox. 4/oral (ATE = 450 mg/kg bw) Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1A (C ≥ 0.036 %) Aquatic Acute 1 (M = 1) Aquatic Chronic 1 (M = 1)	H318 H315 H400 H410 H302 H317 H330	--

Full text of H- statements: see section 16

#### 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.

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General advice

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

##### Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes, If eye irritation persists, consult a specialist

##### Skin contact

Wash off with warm water and soap, Get medical attention if irritation develops and persists

##### Inhalation

Move to fresh air, Get medical attention immediately if symptoms occur

##### Ingestion

Clean mouth with water and afterwards drink plenty of water, Consult a doctor if necessary, Do NOT induce vomiting

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### 4.2 Most important symptoms and effects, both acute and delayed

#### Acute toxicity

**Eyes**

May cause irritation

**Skin**

May cause irritation

**Inhalation**

May cause irritation of respiratory tract

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

#### Chronic effects

**Chronic toxicity**

Repeated contact may cause allergic reactions in very susceptible persons

#### Main symptoms

Overexposure may cause:

Eye irritation

Skin irritation

### 4.3 Indication of immediate medical attention and special treatment needed

**Protection of first-aiders**

Avoid contact with skin, eyes and clothing

**Notes to physician**

Treat symptomatically

## SECTION 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** Water spray, Foam, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire

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

#### Hazardous combustion products

Thermal decomposition can lead to release of irritating gases and vapours

### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

#### Other information

**Flammability**

Not flammable

**Flash point**

&gt; 100 °C / &gt; 212 °F

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid contact with the skin and the eyes, Use personal protective equipment

### 6.2 Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

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### 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, Prevent entry into waterways, sewers, basements or confined areas

**Methods for cleaning up** Soak up with inert absorbent material, Prevent product from entering drains

### 6.4 Reference to other sections

See section 12 for additional ecological information  
See Section 13 for additional information

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Ensure adequate ventilation, Prevent the formation of vapours, mist and aerosols, Avoid contact with skin and eyes, Do not ingest

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

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

### 7.3 Specific end uses

Ink jet printing

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Exposure Limits** For country specific exposure limits see Section 16

Chemical name	ACGIH TLV	European Union
Carbon black	TWA: 3 mg/m <sup>3</sup>	

### 8.2 Exposure controls

**Engineering measures** Ensure adequate ventilation, especially in confined areas

### Individual protection measures, such as personal protective equipment (PPE)

**Eye/face protection** If splashes are likely to occur, wear, Goggles

**Hand protection** Protective gloves.

**Skin and body protection** None under normal use conditions

**Respiratory protection** Use only with adequate ventilation.

**Thermal hazards** None under normal processing

### Environmental Exposure Controls

**Environmental Exposure Controls** Keep out of drains, sewers, ditches and waterways

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Opaque	<b>Odour</b>	Slight
<b>Physical state</b>	Liquid	<b>Colour</b>	Black
<b>pH</b>	8 - 10		
<b>Flash point</b>	> 100 °C / > 212 °F		
<b>Melting point / freezing point</b>	Not determined		
<b>Initial boiling point and boiling range</b>	Not determined		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	No information available		
<b>Volatility</b>	89.70% WT 97.88% VL		
<b>Flammability</b>	Not flammable		
<b>Flammability Limits in Air</b>	No information available		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure @20 °C (kPa)</b>	No information available		
<b>Relative vapor density</b>	No information available		
<b>Specific gravity</b>	No information available		
<b>Water solubility</b>	Soluble in water		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No information available		
<b>Decomposition temperature</b>	Not determined		
<b>Viscosity</b>	Viscosity, dynamic 5.5-6 mPa.s @ 25 °C		
<b>Explosive properties</b>	Not explosive		
<b>Oxidising properties</b>	Not applicable		
<b>Particle characteristics</b>	Not applicable		

### 9.2 Other information

None

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

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**Hazardous reactions**

None under normal processing

**Hazardous polymerisation**

Hazardous polymerisation does not occur

### 10.4 Conditions to avoid

Strong oxidising agents, Extremes of temperature and direct sunlight

### 10.5 Incompatible Materials

Alkali metals, Strong oxidising agents, Peroxides

### 10.6 Hazardous decomposition products

Undefined, but may include toxic oxides of carbon and nitrogen

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 2020/878

**Acute toxicity**

Product Information

**Irritation**

May cause skin and eye irritation

**Oral LD50**

Not determined

**Dermal LD50**

Not determined

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin	12600 mg/kg ( Rat )	10 g/kg ( Rabbit )	570 mg/m <sup>3</sup> ( Rat ) 1 h
Carbon black	15400 mg/kg ( Rat )	3 g/kg ( Rabbit )	
2-Pyrrolidone	6500 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	80 ppm ( Rat ) 8 h
Triethylene glycol, monobutyl ether	5300 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	
1,2-Benzisothiazolin-3-one	1020 mg/kg ( Rat )		

**Chronic toxicity**
**Carcinogenicity**

See "Other Information" in this section.

Chemical name	IARC
Carbon black	2B

**Other information**

The IARC (International Agency for Research on Cancer) has listed carbon black as "possibly carcinogenic to humans". The classification is based on studies evaluating pure, "free" carbon black. In the process of making this product, the small amount of carbon black is dispersed in a liquid and is not expressed as "free" carbon black. Therefore, this classification does not apply to this product.

**Other toxic effects**
**Sensitisation**

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

**Mutagenic effects**

None known

**Reproductive toxicity**

No known effects under normal use conditions

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**Target organ effects** No information available

**Aspiration Hazard** No information available

### 11.2 Information on other hazards

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

On available data, the mixture / preparation is not harmful to aquatic life

### 12.2 Persistence and degradability

No product level data available

### 12.3 Bioaccumulative potential

Bioaccumulation is unlikely

### 12.4 Mobility in soil

Soluble in water

### 12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

### 12.6 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

### 12.7 Other adverse effects

No information available

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal considerations

Avoid runoff to waterways and sewers

This material and its container must be disposed of as hazardous waste

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Waste codes / waste designations according to EWC** 08 03 13



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### SECTION 14. TRANSPORT INFORMATION

#### 14.1 UN/ID No

Not regulated

#### 14.2 Proper shipping name

Not regulated

#### 14.3 Transport hazard class(es)

Not classified

#### 14.4 Packing Group

Not applicable

#### 14.5 Environmental hazards

Presents little or no hazard to the environment

#### 14.6 Special precautions for users

No special precautions are needed in handling this material

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15. REGULATORY INFORMATION

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

The product is classified and labelled in accordance with Regulation (EC) No. 1272/2008

#### 15.2 Chemical Safety Assessment

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

### SECTION 16. OTHER INFORMATION

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Revision Note Address for some geographies updated, Updated Emergency Telephone number in some geographies, (M)SDS sections updated, 2, 3, 16

#### Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

H315 - Causes skin irritation

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H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H330 - Fatal if inhaled  
H360 - May damage fertility or the unborn child  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

### Additional advice

#### EU Country Specific Exposure Limits

Chemical name	United Kingdom	Ireland	France	Germany DFG	Netherlands
Glycerin	STEL 30 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	AGW 200 mg/m <sup>3</sup>	
Carbon black	STEL 7 mg/m <sup>3</sup> TWA 3.5 mg/m <sup>3</sup>	TWA 3 mg/m <sup>3</sup> STEL 15 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup>		

Chemical name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerin	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 50 mg/m <sup>3</sup> STEL 100 mg/m <sup>3</sup>			TWA 10 mg/m <sup>3</sup> Ceiling 15 mg/m <sup>3</sup>
Carbon black	TWA 3 mg/m <sup>3</sup>				TWA 2.0 mg/m <sup>3</sup>

Chemical name	Spain	Portugal	Italy MDLPS	Greece	Romania
Glycerin	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Carbon black	TWA 3.5 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> C(A4)		TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>	

Chemical name	Poland	Denmark	Sweden	Finland	Norway
Glycerin	TWA 10 mg/m <sup>3</sup>			TWA 20 mg/m <sup>3</sup>	
Carbon black	TWA 4 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup>	TLV 3 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>	TWA 3.5 mg/m <sup>3</sup> STEL 7 mg/m <sup>3</sup>

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

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet