

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 as amended

SDS # : F-60049

## Aqueous Ink - Cyan

Issuing Date 2021-02-22

Revision Date 2023-10-09

Version 8

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

#### 1.1 Product Identifier

**Product Name** Aqueous Ink for Xerox Rialto 900, Xerox Brenva HD Production Inkjet Press (Print Module)  
**Part no.** 008R13308  
**UFI** EX00-500A-J001-Y5S3  
**Colour** Cyan

#### 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 Ltd.  
 Building 4  
 Uxbridge Business Park  
 Sanderson Road  
 Uxbridge  
 Middlesex. UB8 1DH  
 UK

#### For further information, please contact

**Contact person** Manager, Environment, Health, Safety  
 & Sustainability  
**Phone** ++44 (0)1707 353434  
**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

### 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**

**Symbol(s)**

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**Signal Word**

Warning

**Hazard Statements****Precautionary Statements**

H319 - Causes serious eye irritation

P280 - Wear eye protection/ face protection

P305 - IF IN EYES:

P351 - Rinse cautiously with water for several minutes

P338 - Remove contact lenses, if present and easy to do. Continue rinsing

P313 - Get medical advice/attention

**UFI**

EX00-500A-J001-Y5S3

**EC Label**

EUH208 - Contains ( 1,2-benzisothiazol-3(2H)-one CAS 2634-33-5 ). May produce an allergic reaction

**2.3 Other hazards**

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

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures**

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements	REACH Registration Number
Water	45-55	7732-18-5	231-791-2	--	--	--
Glycerin	35-45	56-81-5	200-289-5	--	--	--
2-Pyrrolidone	<3	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Cyan pigment	1-10	Proprietary	Listed	--	--	01-2119458771-32-0044
Triethylene glycol, monobutyl ether	1-10	143-22-6	205-592-6	Eye Dam. 1	H318	--
Additive	<1	9014-85-1	Listed	Aquatic Chronic 3 Skin Sens. 1B Eye Dam. 1	H412 H317 H318	--
Polyethylene glycol monobutyl ether	<1	9004-77-7	500-012-0	Eye Dam. 1	H318	--
1,2-Benzisothiazolin-3-one	<0.05	2634-33-5	220-120-9	Acute Tox. 4 (oral) Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400	--

**Full text of H- statements: see section 16****Note**

"--" indicates no classification or hazard statements apply.

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

**SECTION 4. FIRST AID MEASURES**

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### 4.1 Description of first aid measures

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<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. If eye irritation persists, consult a specialist
<b>Skin contact</b>	Wash off with warm water and soap. Get medical attention if irritation develops and persists
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Consult a doctor if necessary. Do NOT induce vomiting

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

<b>Acute toxicity</b>	
<b>Eyes</b>	May cause irritation
<b>Skin</b>	May cause irritation
<b>Inhalation</b>	May cause irritation of respiratory tract
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons
<b>Main symptoms</b>	Overexposure may cause: Eye irritation Skin irritation

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

<b>Protection of first-aiders</b>	Avoid contact with skin, eyes and clothing
<b>Notes to physician</b>	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

None in particular

#### **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

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Flash point &gt; 100 °C

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid contact with 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

### 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

### 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
Cyan pigment	TWA: 1 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)

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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
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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Opaque	Odour	Slight
Physical state	Liquid	Colour	Cyan
pH	8.5 - 9.5		
Flash point	> 100 °C		
Melting / Freezing Point	Not applicable		
Boiling point/boiling range	Not determined		
Softening point	Not applicable		
Evaporation rate	No information available		
Flammability	Not flammable		
Flammability Limits in Air	No information available		
Explosive Limits	No data available		
Vapour pressure	No information available		
Vapour density	No information available		
Specific gravity	No information available		
Density	1.11 g/cm <sup>3</sup>		
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	Not determined		
Viscosity	Viscosity, dynamic 6.2 - 7.2 Pa.s @ 25 C°		
Explosive properties	Not explosive		
Oxidising properties	Not applicable		

### 9.2 Other information

None

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

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No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerisation</b>	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 1272/2008

#### Acute toxicity

Product Information

<b>Irritation</b>	May cause skin and eye irritation
<b>Oral LD50</b>	Not determined
<b>Dermal LD50</b>	Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Glycerin	12600 mg/kg ( Rat )	10 g/kg ( Rabbit )	570 mg/m <sup>3</sup> ( Rat ) 1 h
2-Pyrrolidone	6500 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	80 ppm ( Rat ) 8 h
Cyan pigment	10000 mg/kg ( Rat )		
Triethylene glycol, monobutyl ether	5300 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	
1,2-Benzisothiazolin-3-one	1020 mg/kg ( Rat )		

#### Chronic toxicity

<b>Carcinogenicity</b>	Not classifiable as a human carcinogen
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#### Other toxic effects

<b>Sensitisation</b>	Contains a chemical that can cause an allergic reaction in susceptible people
<b>Reproductive toxicity</b>	No known effects under normal use conditions
<b>Target organ effects</b>	No information available
<b>Aspiration Hazard</b>	No information available

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### 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  
Dispose of in accordance with local regulations

#### Contaminated packaging

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

#### EWC Waste Disposal No.

08 03 13

## SECTION 14. TRANSPORT INFORMATION

### 14.1 UN/ID No

Not regulated

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### 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

**Issuing Date** 2021-02-22  
**Revision Date** 2023-10-09  
**Revision Note** (M)SDS sections updated, 8, 13

### **Full text of H-Statements referred to under sections 2 and 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  
H360 - May damage fertility or the unborn child  
H400 - Very toxic to aquatic life  
H412 - Harmful to aquatic life with long lasting effects

### **Additional advice**

### **EU Country Specific Exposure Limits**



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Chemical Name	The United Kingdom	Ireland	France	Germany	The 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>	

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>
Cyan pigment			STEL 4 mg/m <sup>3</sup> STEL 0.4 mg/m <sup>3</sup> TWA 1 mg/m <sup>3</sup> TWA 0.1 mg/m <sup>3</sup>	STEL 4mg/m <sup>3</sup>	

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Glycerin	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Cyan pigment	TWA 0.1 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>	
Cyan pigment				TWA 0.02 mg/m <sup>3</sup>	

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 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.