

**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 2021-10-11

Version 4

**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** Xerographic 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** Andy Cosgrove  
**Phone** +353 429387410  
**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

**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**

**Symbol(s)**

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**Signal Word**

Warning

**Hazard Statements**

H319 - Causes serious eye irritation

**Precautionary Statements**

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

No hazard expected under normal conditions of use

## 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	Eye Irrit. 2 Acute Aquatic 3 Chronic Aquatic 3	H319 H402 H412	--
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 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.

## 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>	Rinse thoroughly with plenty of water, also under the eyelids, If eye irritation persists, consult a specialist
<b>Skin contact</b>	Wash off with warm water and soap
<b>Inhalation</b>	Move to fresh air, If symptoms persist, call a doctor
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water, Consult a doctor if necessary

### 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>	No known effect
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	No known effects under normal use conditions
<b>Main symptoms</b>	May cause eye and skin irritation

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

<b>Notes to physician</b>	Treat symptomatically
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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Water spray, Foam, Carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable extinguishing media</b>	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	
<b>Hazardous combustion products</b>	
No information available	

### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

### Other information

<b>Flash point</b>	> 100 °C
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## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid contact with eyes

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system

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

**Methods for containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal

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

### 6.4 Reference to other sections

No information available

## 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

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

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

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)

**Eye/face protection** None under normal use conditions  
**Hand protection** None under normal use conditions.  
**Skin and body protection** None under normal use conditions  
**Respiratory protection** Use only with adequate ventilation.

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### Environmental Exposure Controls

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 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>	Cyan
<b>pH</b>	8.5 - 9.5		
<b>Flash point</b>	> 100 °C		
<b>Melting / Freezing Point</b>	Not applicable		
<b>Boiling point/boiling range</b>	Not determined		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	No information available		
<b>Flammability</b>	Not flammable		
<b>Flammability Limits in Air</b>	No information available		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b>	No information available		
<b>Vapour density</b>	No information available		
<b>Specific gravity</b>	No information available		
<b>Density</b>	1.11 g/cm <sup>3</sup>		
<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 6.2 - 7.2 Pa.s @ 25 C°		
<b>Explosive properties</b>	Not explosive		
<b>Oxidising properties</b>	Not applicable		

### 9.2 Other information

None

## 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

None known based on information supplied

### 10.5 Incompatible Materials

No information available

### 10.6 Hazardous decomposition products

None under normal use

## 11. TOXICOLOGICAL INFORMATION

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

#### Acute toxicity

Product Information No acute toxicity information is available for this product.  
**Irritation** May cause irritation  
**Oral LD50** Not determined  
**Dermal LD50** 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

**Carcinogenicity** Not classifiable as a human carcinogen

#### Other toxic effects

**Sensitisation** Not a sensitizer  
**Target organ effects** No information available  
**Aspiration Hazard** No information available

#### Information on other hazards

**Endocrine disrupting properties** No information available

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

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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

No information available

### 12.7 Other adverse effects

No information available

## 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.

**EWC Waste Disposal No.**                      08 03 12\*

## 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

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### 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 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

## 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

Not applicable

## 16. OTHER INFORMATION

**Issuing Date** 2021-02-22  
**Revision Date** 2021-10-11  
**Revision Note** (M)SDS sections updated, 3

### **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
- H402 - Harmful to aquatic life
- H412 - Harmful to aquatic life with long lasting effects

### **Additional advice**

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

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>	



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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**

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