

**SAFETY DATA SHEET**

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

SDS # : F-60006

**Aqueous Ink - Cyan**

Issuing Date 2015-01-14

Revision Date 2020-04-07

Version 11

**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.** 008R13198, 071E02030  
 IMPIKA A0007312  
**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 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
Reproductive toxicity	Category 1B

**2.2 Label elements**

**Symbol(s)** None required

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**Signal Word**

Danger



**Hazard Statements**

H319 - Causes serious eye irritation  
H360 - May damage fertility or the unborn child if swallowed

**Precautionary Statements**

None required  
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  
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  
P308 + P313 - IF exposed or concerned: Get medical advice/attention

### 2.3 Other hazards

Not a PBT according to REACH Annex XIII  
This product does not contain any known or suspected endocrine disruptors

## 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	45-60	7732-18-5	231-791-2	--	--	--
Glycerol	30-45	56-81-5	200-289-5	--	--	--
2-Pyrrolidone	3-5	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	143-22-6	205-592-6	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

### 4.1 Description of first aid measures

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<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>	Do not ingest, If swallowed, do not induce vomiting - seek medical advice

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

<b>Acute toxicity</b>	
<b>Eyes</b>	Avoid contact with eyes, May cause slight irritation
<b>Skin</b>	Avoid contact with skin, Prolonged skin contact may defat the skin and produce dermatitis
<b>Inhalation</b>	No known effect
<b>Ingestion</b>	Do not ingest, May be harmful if swallowed
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	No known effects under normal use conditions
<b>Main symptoms</b>	
	Overexposure may cause:
	Eye irritation
	Skin irritation
	May damage fertility or the unborn child

### 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

**Suitable extinguishing media** Water spray, Foam, Carbon dioxide (CO<sub>2</sub>), Use extinguishing agent suitable for type of surrounding fire

**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

No information available

**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

<b>Flammability</b>	Not flammable
<b>Flash point</b>	Not flammable

## 6. ACCIDENTAL RELEASE MEASURES

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### 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, Avoid runoff to waterways and sewers

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

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so, Dyke to collect large liquid spills
<b>Methods for cleaning up</b>	Soak up with inert absorbent material

### 6.4 Reference to other sections

For personal protection see section 8  
See Section 13 for additional information

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice, Avoid contact with skin and eyes, Ensure adequate ventilation, Handle and open container with care

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

Keep container tightly closed in a dry and well-ventilated place, Keep out of the reach of children, Handle with care

### 7.3 Specific end uses

Ink jet printing

## 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)

<b>Eye/face protection</b>	If splashes are likely to occur, wear:, Goggles
<b>Hand protection</b>	Protective gloves.
<b>Skin and body protection</b>	None under normal use conditions
<b>Respiratory protection</b>	Use only with adequate ventilation.

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### Environmental Exposure Controls

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

## 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 - 10		
<b>Flash point</b>	Not flammable		
<b>Melting / Freezing Point</b>	Not determined		
<b>Boiling point/boiling range</b>	>100 °C / >212 °F		
<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>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>	No information available		
<b>Explosive properties</b>	Not applicable		
<b>Oxidising properties</b>	Not applicable		
<b>Particle characteristics</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

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### 10.3 Possibility of hazardous reactions

**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

## 11. TOXICOLOGICAL INFORMATION

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

#### Acute toxicity

Product Information

**Irritation** May cause skin and eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Glycerol	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 expected to be a sensitizer  
**Mutagenic effects** Not mutagenic  
**Reproductive toxicity** May damage fertility or the unborn child if swallowed

**Target organ effects** None known

**Aspiration Hazard** No information available

### 11.2 Information on other hazards

**Endocrine disrupting properties** No information available

## 12. ECOLOGICAL INFORMATION

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### 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

### 12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

### 12.6 Endocrine disrupting properties

No information available

### 12.7 Other adverse effects

No information available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Disposal considerations

<b>Waste Disposal Method</b>	Avoid runoff to waterways and sewers Dispose of in accordance with local regulations
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EWC Waste Disposal No.</b>	08 03 13

## 14. TRANSPORT INFORMATION

### 14.1 UN/ID No

Not regulated

### 14.2 Proper shipping name

Not regulated

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**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 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** 2015-01-14  
**Revision Date** 2020-04-07  
**Revision Note** Drawing number changed

**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 if swallowed
- H400 - Very toxic to aquatic life

**Additional advice**

**EU Country Specific Exposure Limits**

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Glycerol	STEL 30 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	The United Kingdom	Ireland	France	Germany	The Netherlands
	TWA 10 mg/m <sup>3</sup>				

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerol	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
Glycerol	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
Glycerol	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.