

**SAFETY DATA SHEET**

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

**SDS # :** F-60005

**Aqueous Ink - Magenta**

**Issuing Date** 2014-12-08

**Revision Date** 2020-11-18

**Version** 12

**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.** 008R13199, 071E02040  
 IMPIKA A0007313  
**Color** Magenta

**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**

**For further information, please contact**

**Contact person**  
**Phone**  
**E-mail address** ehs-europe@xerox.com

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

**1.4 Emergency telephone number**

EU emergency number

**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)**



**Signal Word** Warning

**Hazard Statements** H319 - Causes serious eye irritation

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### Precautionary Statements

P280 - Wear 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

### 2.3 Other hazards

May cause harm to the unborn child  
 Contains a chemical that can cause an allergic reaction in susceptible people

## 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	--	--	--
Glycerol	20-40	56-81-5	200-289-5	--	--	--
2-Pyrrolidone	>3	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Triethylene glycol, monobutyl ether	1-5	143-22-6	205-592-6	Eye Dam. 1	H318	--
Magenta pigment	1-10	Proprietary	Listed	--	--	01-2119456804-33-0008
Sulfolane	<1	126-33-0	204-783-1	Acute Tox. 4 Repro 2	H302 H361	--
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

#### 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

If swallowed, do not induce vomiting - seek medical advice

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

#### Acute toxicity

##### Eyes

Irritating to eyes

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<p><b>Skin</b>  <b>Inhalation</b>  <b>Ingestion</b>  <b>Chronic effects</b>  <b>Chronic toxicity</b>  <b>Main symptoms</b></p>	<p>May cause irritation                  No known effect                  No known effect                    Repeated contact may cause allergic reactions in very susceptible persons  <b>Overexposure may cause:</b>                  Eye irritation                  Skin irritation</p>
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### 4.3 Indication of immediate medical attention and special treatment needed

**Notes to physician**                      Treat symptomatically

## 5. FIRE-FIGHTING 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** Heating or fire conditions liberates toxic gas, Thermal decomposition can lead to release of irritating gases and vapors

### 5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

### Other information

**Flash point**                                      93.34 200.01

## 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

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

**Methods for containment**                      Prevent further leakage or spillage if safe to do so, Dike 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

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### 6.4 Reference to other sections

See section 12 for additional ecological information  
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.

### 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.

### Environmental Exposure Controls

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Opaque	<b>Odor</b>	Slight
<b>Physical state</b>	Liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	Magenta	<b>pH</b>	No information available
<b>Flash point</b>	93.34 200.01		
<b>Melting / Freezing Point</b>	Not applicable		
<b>Boiling point/range</b>	No information available		
<b>Softening point</b>	Not applicable		

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<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>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Density</b>	1.1 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>	No information available
<b>Oxidizing 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**

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur

**10.4 Conditions to avoid**

Heat, flames and sparks, Take precautionary measures against static discharges

**10.5 Incompatible Materials**

None known based on information supplied

**10.6 Hazardous decomposition products**

Undefined, but may include toxic oxides of carbon and nitrogen

**11. TOXICOLOGICAL INFORMATION**

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

**Acute toxicity**

Product Information

**Irritation**

Irritating to eyes and skin

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
Triethylene glycol, monobutyl ether	5300 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	
Magenta pigment	23 g/kg ( Rat )	3 g/kg ( Rabbit )	
Sulfolane	1941 mg/kg ( Rat )	3180 µL/kg ( Rabbit )	12 mg/L ( Rat ) 4 h
1,2-Benzisothiazolin-3-one	1020 mg/kg ( Rat )		

**Chronic toxicity**

**Carcinogenicity**

Not classifiable as a human carcinogen

**Other toxic effects**

**Sensitization**

Contains a chemical that can cause an allergic reaction in susceptible people  
No hazard expected under normal conditions of use

**Reproductive toxicity**

Avoid contact during pregnancy/while nursing  
May cause harm to the unborn child

**Target organ effects**

No information available

**Aspiration Hazard**

No information available

### 11.2 Information on other hazards

**Endocrine disrupting properties** No information available

## 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

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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

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

### 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

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### 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

### 16. OTHER INFORMATION

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 Revision Note (M)SDS sections updated:, 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

#### 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>		TWA 10 mg/m <sup>3</sup>	AGW 200 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>

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>	

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerol	TWA 10 mg/m <sup>3</sup>			TWA 20 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,



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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.