

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
Colour 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 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

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 + 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.

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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
Skin	May cause irritation
Inhalation	No known effect
Ingestion	No known effect
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

Notes to physician	Treat symptomatically
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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water spray, Foam, Carbon dioxide (CO ₂)
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 vapours

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flash point	93.34 200.01
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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

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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

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
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8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas
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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.

Environmental Exposure Controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

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<p>Appearance Physical state Colour</p>	<p>Opaque Liquid Magenta</p>	<p>Odour Odour threshold pH</p>	<p>Slight No information available No information available</p>
<p>Flash point</p>	<p>93.34 200.01</p>		
<p>Melting / Freezing Point Boiling point/boiling range Softening point</p>	<p>Not applicable No information available Not applicable</p>		
<p>Evaporation rate Flammability Flammability Limits in Air</p>	<p>No information available Not flammable No information available</p>		
<p>Explosive Limits</p>	<p>No data available</p>		
<p>Vapour pressure Vapour density Specific gravity Density Water solubility Partition coefficient Autoignition temperature Decomposition temperature Viscosity</p>	<p>No information available No information available No information available 1.1 g/cm³ Soluble in water No information available No information available Not determined No information available</p>		
<p>Oxidising properties</p>	<p>Not applicable</p>		

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

<p>Hazardous reactions Hazardous polymerisation</p>	<p>None under normal processing Hazardous polymerisation does not occur</p>
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10.4 Conditions to avoid

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

10.5 Incompatible Materials

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None known based on information supplied

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

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 ³ (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

Sensitisation

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

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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

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

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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

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 ³ TWA 10 mg/m ³		TWA 10 mg/m ³	AGW 200 mg/m ³	

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerol	TWA 10 mg/m ³	SS-C** TWA 50 mg/m ³ STEL 100 mg/m ³			TWA 10 mg/m ³ Ceiling 15 mg/m ³

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Glycerol	TWA 10 mg/m ³	TWA 10 mg/m ³		TWA 10 mg/m ³	

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Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerol	TWA 10 mg/m ³			TWA 20 mg/m ³	

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.