

Safety Data Sheet

SDS # : F-60005

Aqueous Magenta Ink

Issuing Date 2014-12-08

Revision Date 2019-02-04

Version 3.01

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

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
Pure substance/mixture Mixture

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Ink jet printing

Details of the supplier of the safety data sheet

Supplier Xerox Corporation
 Webster, NY 14580

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
E-mail address askxerox@xerox.com
Emergency telephone Safety Information US: (800) 275-9376
 Chemical Emergency only (Chemtrec) (800) 424-9300

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

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Serious eye damage/eye irritation	Category 2
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Label elements

Symbol(s)



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

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

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Water	7732-18-5	45-55	--	--
Glycerol	56-81-5	20-40	--	--
2-Pyrrolidone	616-45-5	1-5	Eye Irrit. 2	H319
Triethylene glycol, monobutyl ether	143-22-6	1-5	Eye Dam. 1	H318
Magenta pigment	Proprietary	1-10	--	--
Sulfolane	126-33-0	<1	Acute Tox. 4 Repro 2	H302 H361
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400

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

Full text of H- statements: see section 16

4. FIRST AID MEASURES

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

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 toxicity

Repeated contact may cause allergic reactions in very susceptible persons

Main symptoms

Overexposure may cause:

Eye irritation

Skin irritation

Indication of immediate medical attention and special treatment needed

Protection of first-aiders

No special protective equipment required

Notes to physician

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Water spray, Foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

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

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flash point 93.34 200.01

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes, Use personal protective equipment

Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

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

Reference to other sections

See section 12 for additional ecological information

See Section 13 for additional information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on 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

Conditions for safe storage, including any incompatibilities

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

Incompatible products None known based on information supplied

Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Glycerol		TWA: 15 mg/m ³ TWA: 5 mg/m ³

Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Opaque	Odor	Slight
Physical state	Liquid	Odor threshold	No information available
Color	Magenta	pH	No information available

Flash point	93.34 200.01
Boiling point/range	No information available
Softening point	Not applicable
Evaporation rate	No information available
Flammability Limits in Air	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Density	1.1 g/cm ³
Water solubility	Soluble in water
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	Not determined
Viscosity	No information available
Explosive properties	Not explosive
Oxidizing properties	Not applicable

Other information

None

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization does not occur

Conditions to avoid

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

Incompatible Materials

None known based on information supplied

Hazardous decomposition products

Undefined, but may include toxic oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

No acute toxicity information is available for this product

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	1540 µL/kg (Rat)	3180 µL/kg (Rabbit)	12 mg/L (Rat) 4 h
1,2-Benzisothiazolin-3-one	1020 mg/kg (Rat)		

Chronic toxicity

Sensitization

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

Neurological Effects

No information available

Target organ effects

No information available

CMR Effects

Mutagenic effects

No information available

Reproductive toxicity

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

Carcinogenicity

Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard

No information available

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity

On available data, substance is not harmful to aquatic life.

Chronic Aquatic Toxicity

On available data, substance is not harmful to aquatic life.

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Glycerol		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
2-Pyrrolidone	250 mg/L EC50 72 h (Desmodesmus subspicatus) 84 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50 4600 - 10000 mg/L Brachydanio rerio 96 h		LC50 = 3.4 mg/L 96 h

Triethylene glycol, monobutyl ether	500 mg/L EC50 72 h (Desmodosmus subspicatus)	LC50= 2400 mg/L Pimephales promelas 96 h LC50 2200 - 4600 mg/L Leuciscus idus 96 h	EC50 > 500 mg/L 48 h
Sulfolane	1000 mg/L EC50 96 h (Pseudokirchneriella subcapitata)	LC50= 1930 mg/L Gambusia affinis 96 h	EC50 = 40 mg/L 48 h

Persistence and degradability

No product level data available

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Component Information

Chemical Name	log Pow
Glycerol	-1.76
2-Pyrrolidone	-0.71
Triethylene glycol, monobutyl ether	0.51
1,2-Benzisothiazolin-3-one	1.3

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Do not dispose of waste into sewer
Dispose of in accordance with all applicable local and national environmental laws and regulations

Contaminated packaging

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

California Waste Status

This product does not contain any substances listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

TSCA Complies
DSL/NDSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Triethylene glycol, monobutyl ether	143-22-6	1.0

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerol	56-81-5	20-40		Group II		
Triethylene glycol, monobutyl ether	143-22-6	1-5	Present			
Sulfolane	126-33-0	<1		Group II		

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water			X		
Glycerol	X	X	X		
2-Pyrrolidone	X		X		
Triethylene glycol, monobutyl ether		X	X	X	
Sulfolane	X		X		

16. OTHER INFORMATION

Issuing Date 2014-12-08
Revision Date 2019-02-04
Revision Note Address for some geographies updated

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
- H361d - Suspected of damaging the unborn child
- H400 - Very toxic to aquatic life

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not

to be considered as 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 material or in any process, unless specified in the text.
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