

SAFETY DATA SHEET

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

SDS #: F-60032

Aqueous Ink - Magenta

Issuing Date 2018-01-22

Revision Date 2020-04-09

Version 7

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. 008R13249
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 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

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 | 5-10 | 616-45-5 | 210-483-1 | Eye Irrit 2 Repro Tox 1B | H319 H360 | -- |
| Magenta pigment | 1-10 | Proprietary | Listed | -- | -- | 01-2119456804-33-0008 |
| Propylene glycol | 1-5 | 57-55-6 | 200-338-0 | -- | -- | -- |
| Triethylene glycol, monobutyl ether | 1-5 | 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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| | |
|-----------------------|---|
| 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 | Do not ingest, If swallowed, do not induce vomiting - seek medical advice |

4.2 Most important symptoms and effects, both acute and delayed

| | |
|-------------------------|---|
| Acute toxicity | |
| Eyes | Avoid contact with eyes, May cause slight irritation |
| Skin | Avoid contact with skin, Prolonged skin contact may defat the skin and produce dermatitis |
| Inhalation | No known effect |
| Ingestion | Do not ingest, May be harmful if swallowed |
| Chronic effects | |
| Chronic toxicity | No known effects under normal use conditions |
| Main symptoms | |
| | 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

| | |
|---------------------------|-----------------------|
| Notes to physician | Treat symptomatically |
|---------------------------|-----------------------|

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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

| | |
|---------------------|---------------|
| Flammability | Not flammable |
| Flash point | 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

| | |
|--------------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so, Dyke to collect large liquid spills |
| Methods for cleaning up | 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 |
|------------------------|---|

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 | 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

| | |
|-------------------------------|---|
| Environmental Exposure | Do not allow material to contaminate ground water system. |
|-------------------------------|---|

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Controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | | |
|---|---|--|--|
| <p>Appearance Physical state pH</p> | <p>Opaque Liquid 8 - 10</p> | <p>Odour Colour</p> | <p>Slight Magenta</p> |
| <p>Flash point</p> | <p>Not flammable</p> | | |
| <p>Melting / Freezing Point Boiling point/boiling range Softening point</p> | <p>Not determined >100 °C / >212 °F 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 Water solubility Partition coefficient Autoignition temperature Decomposition temperature Viscosity</p> | <p>No information available No information available No information available Soluble in water No information available No information available Not determined No information available</p> | | |
| <p>Explosive properties Oxidising properties</p> | <p>Not applicable Not applicable</p> | | |
| <p>Particle characteristics</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

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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

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 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 ³ (Rat) 1 h |
| 2-Pyrrolidone | 6500 mg/kg (Rat) | 2000 mg/kg (Rabbit) | 80 ppm (Rat) 8 h |
| Magenta pigment | 23 g/kg (Rat) | 3 g/kg (Rabbit) | |
| Propylene glycol | 20 g/kg (Rat) | 20800 mg/kg (Rabbit) | |
| 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

Acute Aquatic Toxicity No product level data available

Chronic Aquatic Toxicity No product level data available

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

Waste Disposal Method Avoid runoff to waterways and sewers
Dispose of in accordance with local regulations

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

EWC Waste Disposal No. 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 2018-01-22
Revision Date 2020-04-09
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 |
|---------------|--------------------|---------|--------|---------|-----------------|
| | | | | | |

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| 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 | |
| Propylene glycol | STEL 450 ppm STEL 1422 mg/m ³ STEL 30 mg/m ³ TWA 150 ppm TWA 474 mg/m ³ TWA 10 mg/m ³ | TWA 10 mg/m ³ TWA 150 ppm TWA 470 mg/m ³ STEL 1410 mg/m ³ STEL 30 mg/m ³ STEL 450 ppm | | | |

| 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 | |

| Chemical Name | Poland | Denmark | Sweden | Finland | Norway |
|------------------|---------------------------|---------|--------|--------------------------|---|
| Glycerol | TWA 10 mg/m ³ | | | TWA 20 mg/m ³ | |
| Propylene glycol | TWA 100 mg/m ³ | | | | TWA 25 ppm TWA 79 mg/m ³ STEL 37.5 ppm STEL 118.5 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.