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 2020-11-18  Version 8

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
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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Category 1B</td>
</tr>
</tbody>
</table>

2.2 Label elements

Symbol(s)

Signal Word Danger

Hazard Statements H319 - Causes serious eye irritation
Precautionary Statements

H360 - May damage fertility or the unborn child if swallowed
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
<th>CAS No.</th>
<th>EC-No</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Hazard Statements</th>
<th>REACH Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>45-55</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Glycerol</td>
<td>20-40</td>
<td>56-81-5</td>
<td>200-289-5</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>2-Pyrrolidone</td>
<td>5-10</td>
<td>616-45-5</td>
<td>210-483-1</td>
<td>Eye Irrit 2 Repro Tox 1B</td>
<td>H319</td>
<td>H360</td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>1-10</td>
<td>Proprietary</td>
<td>Listed</td>
<td>--</td>
<td>--</td>
<td>01-2119456804-33-0008</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>1-5</td>
<td>57-55-6</td>
<td>200-338-0</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>1-5</td>
<td>143-22-6</td>
<td>205-592-6</td>
<td>Eye Dam. 1</td>
<td>H318</td>
<td>--</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>&lt;0.05</td>
<td>2634-33-5</td>
<td>220-120-9</td>
<td>Acute Tox. 4</td>
<td>H302</td>
<td>--</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irr. 2</td>
<td>H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1</td>
<td>H318</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Sens. 1</td>
<td>H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1</td>
<td>H400</td>
<td></td>
</tr>
</tbody>
</table>

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
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. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

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

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

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, Dike 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 Controls
Do not allow material to contaminate ground water system

9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Opaque</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>8 - 10</td>
</tr>
<tr>
<td>Odor</td>
<td>Slight</td>
</tr>
<tr>
<td>Color</td>
<td>Magenta</td>
</tr>
</tbody>
</table>
9. Melting / Freezing Point
   Not determined

10. Boiling point/range
    >100 °C / >212 °F

11. Softening point
    Not applicable

12. Evaporation rate
    No information available

13. Flammability
    Not flammable

14. Flammability Limits in Air
    No information available

15. Explosive Limits
    No data available

16. Vapor pressure
    No information available

17. Vapor density
    No information available

18. Specific gravity
    No information available

19. Water solubility
    Soluble in water

20. Partition coefficient
    No information available

21. Autoignition temperature
    No information available

22. Decomposition temperature
    Not determined

23. Viscosity
    No information available

24. Explosive properties
    Not applicable

25. Oxidizing properties
    Not applicable

26. Particle characteristics
    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
    
    Hazardous reactions: None under normal processing
    Hazardous polymerization: Hazardous polymerization 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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>12600 mg/kg (Rat)</td>
<td>10 g/kg (Rabbit)</td>
<td>570 mg/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>2-Pyrrolidone</td>
<td>6500 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>80 ppm (Rat) 8 h</td>
</tr>
<tr>
<td>Magenta pigment</td>
<td>23 g/kg (Rat)</td>
<td>3 g/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>20 g/kg (Rat)</td>
<td>20800 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Triethylene glycol, monobutyl ether</td>
<td>5300 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>1020 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity

Carcinogenicity

Not classifiable as a human carcinogen

Other toxic effects

Sensitization

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

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

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

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 2020-11-18
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 if swallowed
H400 - Very toxic to aquatic life

Additional advice
EU Country Specific Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>The United Kingdom</th>
<th>Ireland</th>
<th>France</th>
<th>Germany</th>
<th>The Netherlands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>STEL 30 mg/m³, TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>AGW 200 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>STEL 450 ppm, STEL 1422 mg/m³, STEL 30 mg/m³, TWA 300 ppm, TWA 474 mg/m³, TWA 10 mg/m³</td>
<td>TWA 10 mg/m³, TWA 150 ppm, TWA 470 mg/m³, STEL 1410 mg/m³, STEL 30 mg/m³, STEL 450 ppm</td>
<td></td>
<td></td>
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<tr>
<td></td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Belgium</th>
<th>Switzerland</th>
<th>Austria</th>
<th>Hungary</th>
<th>Czech Republic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>TWA 10 mg/m³</td>
<td>SS-C**</td>
<td>TWA 50 mg/m³</td>
<td></td>
<td>TWA 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ceiling 15 mg/m³</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Belgium</th>
<th>Switzerland</th>
<th>Austria</th>
<th>Hungary</th>
<th>Czech Republic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>STEL 100 mg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Spain</th>
<th>Portugal</th>
<th>Italy</th>
<th>Greece</th>
<th>Romania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Poland</th>
<th>Denmark</th>
<th>Sweden</th>
<th>Finland</th>
<th>Norway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerol</td>
<td>TWA 10 mg/m³</td>
<td>TWA 20 mg/m³</td>
<td>TWA 25 ppm</td>
<td>TWA 79 mg/m³</td>
<td>TWA 25 ppm</td>
</tr>
<tr>
<td>Propylene glycol</td>
<td>TWA 100 mg/m³</td>
<td></td>
<td>TWA 37.5 ppm</td>
<td>STEL 118.5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

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.