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

SDS # : F-60007

Aqueous Ink - Yellow

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. 008R13200, 071E02050
IMPIKA A0007314
Color Yellow

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>Hazard Category</th>
<th>Description</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)](image)

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danger</td>
<td></td>
</tr>
</tbody>
</table>
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

<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>Yellow pigment</td>
<td>1-10</td>
<td>Proprietary</td>
<td>Listed</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>2-Pyrrolidone</td>
<td>3-5</td>
<td>616-45-5</td>
<td>210-483-1</td>
<td>Eye Irrit 2</td>
<td>H319</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>
</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>Yellow</td>
</tr>
</tbody>
</table>
**SDS # :** F-60007  
**Aqueous Ink - Yellow**  
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**Revision Date** 2020-11-18  
**Version** 12

**Flash point**  
Not flammable

**Melting / Freezing Point**  
Not determined

**Boiling point/range**  
>100 °C / >212 °F

**Softening point**  
Not applicable

**Evaporation rate**  
No information available

**Flammability**  
Not flammable

**Flammability Limits in Air**  
No information available

**Explosive Limits**  
No data available

**Vapor pressure**  
No information available

**Vapor density**  
No information available

**Specific gravity**  
No information available

**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 applicable

**Oxidizing properties**  
Not applicable

**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

<table>
<thead>
<tr>
<th>Component Information</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>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>

Irritation: May cause skin and eye irritation

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

No product level data available
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

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</td>
<td>TWA 10 mg/m³</td>
<td>TWA 10 mg/m³</td>
<td>AGW 200 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Yellow pigment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</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>TWA 100 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Yellow pigment</td>
<td></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>TWA 10 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>
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<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></td>
<td></td>
<td>TWA 20 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.