

**SAFETY DATA SHEET**

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

SDS #: F-60040

**HF Aqueous Ink - Magenta**

Issuing Date 2018-10-02

Revision Date 2020-02-27

Version 1.01

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

**1.1 Product Identifier**

**Product Name** HF Aqueous Ink for Xerox® Baltoro™ HF InkJet Press  
**Part no.** 008R13258  
**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** askxerox@xerox.com

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

**1.4 Emergency telephone number**

Not applicable

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

According to present data no classification and labelling is required according to Regulation (EC) No 1272/2008

**2.2 Label elements**

**Symbol(s)** None required  
**Signal Word** None  
**Hazard Statements** None required  
**Precautionary Statements** None required

**2.3 Other hazards**

Contains a chemical that can cause an allergic reaction in susceptible people

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### 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	50-60	7732-18-5	231-791-2	--	--	--
Propylene glycol	15-35	57-55-6	200-338-0	--	--	--
1,2-Hexanediol	<8	6920-22-5	230-029-6	Eye Irrit. 2	H319	--
Magenta pigment	<5	Proprietary	Listed	--	--	01-2119456804-33-0008
Triethanolamine	<1	102-71-6	203-049-8	--	--	--
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

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	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
<b>Skin contact</b>	Wash off with warm water and soap, Get medical attention if irritation develops and persists
<b>Inhalation</b>	Move to fresh air, Get medical attention immediately if symptoms occur
<b>Ingestion</b>	If swallowed, do not induce vomiting - seek medical advice

#### 4.2 Most important symptoms and effects, both acute and delayed

<b>Acute toxicity</b>	
<b>Eyes</b>	May cause slight irritation
<b>Skin</b>	No known effect
<b>Inhalation</b>	No known effect
<b>Ingestion</b>	No known effect
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons
<b>Main symptoms</b>	Overexposure may cause: Eye irritation Skin irritation

#### 4.3 Indication of immediate medical attention and special treatment needed

<b>Notes to physician</b>	Treat symptomatically
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**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media** Water spray, Foam, Carbon dioxide (CO<sub>2</sub>)**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** 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** > 100 °C / > 212 °F**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, 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**

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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

Chemical Name	ACGIH TLV	European Union
Triethanolamine	TWA: 5 mg/m <sup>3</sup>	

### 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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Opaque	<b>Odour</b>	Slight
<b>Physical state</b>	Liquid	<b>Colour</b>	Magenta 7-9.5
<b>Flash point</b>	> 100 °C	/	> 212 °F
<b>Melting / Freezing Point</b>	Not applicable		
<b>Boiling point/boiling range</b>	Not determined		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	No information available		
<b>Flammability</b>	Not flammable		
<b>Flammability Limits in Air</b>	No information available		
<b>Explosive Limits</b>	No data available		
<b>Vapour pressure</b>	No information available		
<b>Vapour density</b>	No information available		
<b>Specific gravity</b>	No information available		
<b>Water solubility</b>	Dispersible		
<b>Partition coefficient</b>	No information available		

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**Autoignition temperature** No information available  
**Decomposition temperature** Not determined  
**Viscosity** 5-7 mPa.s @ 25 ° C

**Explosive properties** Not explosive  
**Oxidising properties** 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 polymerisation** Hazardous polymerisation does not occur

### 10.4 Conditions to avoid

Strong oxidising agents, Extremes of temperature and direct sunlight

### 10.5 Incompatible Materials

Alkali metals, Strong oxidising agents, Peroxides

### 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 No acute toxicity information is available for this product.  
**Irritation** May cause eye irritation

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Propylene glycol	20 g/kg ( Rat )	20800 mg/kg ( Rabbit )	
Magenta pigment	23 g/kg ( Rat )	3 g/kg ( Rabbit )	
Triethanolamine	4190 mg/kg ( Rat )	20 mL/kg ( Rabbit ) 16 mL/kg ( Rat )	

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1,2-Benzisothiazolin-3-one	1020 mg/kg ( Rat )		
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### 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

**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

### 12.3 Bioaccumulative potential

No product level data available

### 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

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

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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

**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**

According to present data no classification and labelling is required according to 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**

**Issuing Date** 2018-10-02  
**Revision Date** 2020-02-27  
**Revision Note** Initial Release  
**Full text of H-Statements referred to under sections 2 and 3**

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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  
 H400 - Very toxic to aquatic life

**Additional advice**

**EU Country Specific Exposure Limits**

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Propylene glycol	STEL 450 ppm STEL 1422 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> TWA 150 ppm TWA 474 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 150 ppm TWA 470 mg/m <sup>3</sup> STEL 1410 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 450 ppm			
Triethanolamine		TWA 5 mg/m <sup>3</sup> STEL 15 mg/m <sup>3</sup>		AGW 1 mg/m <sup>3</sup>	

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Triethanolamine	TWA 5 mg/m <sup>3</sup>	SS-C** TWA 5 mg/m <sup>3</sup> STEL 5 mg/m <sup>3</sup>	S** STEL 1.6 ppm STEL 10 mg/m <sup>3</sup> TWA 0.8 ppm TWA 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> Ceiling 10 mg/m <sup>3</sup> S*

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Triethanolamine	TWA 5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup>			

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Propylene glycol	TWA 100 mg/m <sup>3</sup>				TWA 25 ppm TWA 79 mg/m <sup>3</sup> STEL 37.5 ppm STEL 118.5 mg/m <sup>3</sup>
Triethanolamine		TWA 0.5 ppm TWA 3.1 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup> TLV 0.8 ppm Indicative STEL 10 mg/m <sup>3</sup> Indicative STEL 1.6 ppm A*	TWA 5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>

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



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