

**SAFETY DATA SHEET**

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

SDS #: F-60012

**Aqueous Ink - Black**

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

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

**1.1 Product Identifier**

**Product Name** Aqueous Ink for Impika Compact/Evolution/Reference  
**Part no.** 106R02743  
 IMPIKA A0006595

**Color** Black

**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

Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 1B

**2.2 Label elements**

**Symbol(s)**



**Signal Word**

Danger

**Hazard Statements**

H319 - Causes serious eye irritation

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

### 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

Not a PBT according to REACH Annex XIII  
 This product does not contain any known or suspected endocrine disruptors

## 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	50-75	7732-18-5	231-791-2	--	--	--
Triethylene glycol	10-30	112-27-6	203-953-2	--	--	--
Glycerin	10-30	56-81-5	200-289-5	--	--	--
2-Pyrrolidone	5-15	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Black dye	1-3	Proprietary	Listed	--	--	--
Triethanolamine	<0.5	102-71-6	203-049-8	--	--	--

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>	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

<b>Eyes</b>	Avoid contact with eyes, May cause slight irritation
<b>Skin</b>	Avoid contact with skin, Prolonged skin contact may defat the skin and produce dermatitis
<b>Inhalation</b>	No known effect

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

<p><b>Ingestion</b></p> <p><b>Chronic effects</b></p> <p><b>Chronic toxicity</b></p> <p><b>Main symptoms</b></p>	<p>Do not ingest, May be harmful if swallowed</p> <p>No known effects under normal use conditions</p> <p><b>Overexposure may cause:</b></p> <p>Eye irritation</p> <p>Skin irritation</p> <p>May damage fertility or the unborn child</p>
--	--

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

<b>Notes to physician</b>	Treat symptomatically
---------------------------	-----------------------

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media** Water spray, Foam, Carbon dioxide (CO<sub>2</sub>), 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

<b>Flammability</b>	Not flammable
<b>Flash point</b>	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

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so, Dike to collect large liquid spills
<b>Methods for cleaning up</b>	Soak up with inert absorbent material

### 6.4 Reference to other sections

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

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.

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

**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

<b>Appearance</b>	Opaque	<b>Odor</b>	Slight
<b>Physical state</b>	Liquid	<b>Color</b>	Black
<b>pH</b>	8 - 10		
<b>Flash point</b>	Not flammable		

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

<b>Melting / Freezing Point</b>	Not determined
<b>Boiling point/range</b>	>100 °C / >212 °F
<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>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Water solubility</b>	Soluble in water
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	Not applicable
<b>Oxidizing properties</b>	Not applicable
<b>Particle characteristics</b>	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

<b>Hazardous reactions</b>	None under normal processing
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur

### 10.4 Conditions to avoid

Strong oxidizing agents, Extremes of temperature and direct sunlight

### 10.5 Incompatible Materials

Alkali metals, Strong oxidizing agents, Peroxides

### 10.6 Hazardous decomposition products

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

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 skin and eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Triethylene glycol	17 g/kg ( Rat )	20 mL/kg ( Rabbit )	3.9 mg/L ( Rat ) 4 h
Glycerin	12600 mg/kg ( Rat )	10 g/kg ( Rabbit )	570 mg/m <sup>3</sup> ( Rat ) 1 h
2-Pyrrolidone	6500 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	80 ppm ( Rat ) 8 h
Triethanolamine	4190 mg/kg ( Rat )	20 mL/kg ( Rabbit ) 16 mL/kg ( Rat )	

##### 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

No product level data available

##### 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

---

**SDS # :** F-60012**Aqueous Ink - Black****Issuing Date** 2015-01-14**Revision Date** 2020-11-18**Version** 9

---

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**

SDS #: F-60012

## Aqueous Ink - Black

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

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

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

### 16. OTHER INFORMATION

**Issuing Date** 2015-01-14  
**Revision Date** 2020-11-18  
**Revision Note** (M)SDS sections updated:, 13  
**Full text of H-Statements referred to under sections 2 and 3**  
 H319 - Causes serious eye irritation  
 H360 - May damage fertility or the unborn child if swallowed

#### Additional advice

#### EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Triethylene glycol				AGW 1000 mg/m <sup>3</sup>	
Glycerin	STEL 30 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	AGW 200 mg/m <sup>3</sup>	
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
Triethylene glycol		SS-B** TWA 1000 mg/m <sup>3</sup> STEL 2000 mg/m <sup>3</sup>			
Glycerin	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 50 mg/m <sup>3</sup> STEL 100 mg/m <sup>3</sup>			TWA 10 mg/m <sup>3</sup> Ceiling 15 mg/m <sup>3</sup>
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
Triethylene glycol					STEL 163 ppm



SDS #: F-60012

**Aqueous Ink - Black**

Issuing Date 2015-01-14

Revision Date 2020-11-18

Version 9

Chemical Name	Spain	Portugal	Italy	Greece	Romania
					STEL 1000 mg/m <sup>3</sup> TWA 114 ppm TWA 700 mg/m <sup>3</sup>
Glycerin	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Triethanolamine	TWA 5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup>			

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerin	TWA 10 mg/m <sup>3</sup>			TWA 20 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 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.