

## SAFETY DATA SHEET

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

SDS # : F-60022

### Water-based Dye Ink - Black

Issuing Date 2016-06-23

Revision Date 2019-02-01

Version 4

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

##### 1.1 Product Identifier

**Product Name** Water-based Dye Ink for iEngine 1000  
**Part no.** A0003504

**Colour** 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** Xerox Ltd.  
 Xerox Environment, Health, Safety & Sustainability  
 Monroe House  
 Works Road  
 Letchworth  
 Herts. SG61LN  
 UK

##### For further information, please contact

**Contact person** Manager, Environment, Health, Safety  
 & Sustainability  
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**Fax** -  
**E-mail address** ehs-europe@xerox.com

**For the most current document** <https://safetydatasheets.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

<b>Symbol(s)</b>	None required
<b>Signal Word</b>	None
<b>Hazard Statements</b>	None required
<b>Precautionary Statements</b>	None required

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### 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
Solvent	40-60	Proprietary	Listed	--	--	--
Water	30-40	7732-18-5	231-791-2	--	--	--
Dye	20-30	Proprietary	Listed	--	--	--
1,2-Hexanediol	<5	6920-22-5	230-029-6	Eye Irrit. 2	H319	--
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.

Components marked as "Not Listed" are exempt from registration.

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>	Rinse thoroughly with plenty of water, also under the eyelids, If eye irritation persists, consult a specialist
<b>Skin contact</b>	Wash off with warm water and soap
<b>Inhalation</b>	Move to fresh air, If symptoms persist, call a doctor
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water, Consult a doctor if necessary

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

#### Acute toxicity

<b>Eyes</b>	Contact with eyes may cause irritation
<b>Skin</b>	May cause sensitisation by skin contact
<b>Inhalation</b>	No known effect
<b>Ingestion</b>	No known effect

#### Chronic effects

**Chronic toxicity** No information available

#### Main symptoms

May cause eye and skin irritation  
May cause sensitisation by skin contact

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

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**Notes to physician**                      Treat symptomatically

**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**

**Hazardous combustion products** No information available

None in particular

**5.3 Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

**Other information**

**Flash point**                                      Not determined

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes

**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**                Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal

**Methods for cleaning up**                Soak up with inert absorbent material, Prevent product from entering drains

**6.4 Reference to other sections**

No information available

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice, Ensure adequate ventilation, Prevent the formation of vapours, mist and aerosols

**7.2 Conditions for safe storage, including any incompatibilities**

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Keep containers tightly closed in a dry, cool and well-ventilated place, Keep out of the reach of children

### 7.3 Specific end uses

Ink jet printing

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Exposure Limits**                      Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

**Engineering measures**              Ensure adequate ventilation, especially in confined areas

### Individual protection measures, such as personal protective equipment (PPE)

<b>Eye/face protection</b>	If splashes are likely to occur, wear: Safety glasses with side-shields
<b>Hand protection</b>	None under normal use conditions.
<b>Skin and body protection</b>	None under normal use conditions
<b>Respiratory protection</b>	Use only with adequate ventilation.

## 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>	Black
<b>pH</b>	Not determined		
<b>Flash point</b>	Not determined		
<b>Boiling point/boiling range</b>	Not determined		
<b>Softening point</b>	Not applicable		
<b>Evaporation rate</b>	No information available		
<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>	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 explosive		

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**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

None known based on information supplied

### 10.5 Incompatible Materials

No information available

### 10.6 Hazardous decomposition products

None under normal use

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

*Product Information*                      No acute toxicity information is available for this product.  
**Oral LD50**                                      Not determined  
**Dermal LD50**                                  Not determined

#### *Component Information*

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
1,2-Benzisothiazolin-3-one	1020 mg/kg ( Rat )		

#### 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

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**Target organ effects** No information available

**Aspiration Hazard** 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

Bioaccumulation is unlikely

#### 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 Other adverse effects

No information available

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Disposal considerations

**Waste Disposal Method** No special precautions are needed in handling this material

**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**

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**

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Revision Date 2019-02-01  
Revision Note Address for some geographies updated

**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  
H400 - Very toxic to aquatic life

**Additional advice****No country specific exposure limits have been identified****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

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**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.**