

SAFETY DATA SHEET

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

SDS #: F-60001

**Ink Jet - Black, Cyan, Magenta,
Yellow**

Issuing Date 2013-06-28

Revision Date 2020-11-18

Version 3

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

1.1 Product Identifier

Product Name Ink Jet for Xerox Wide Format IJP 2000 System
Part no. 008R13152, 008R13153, 008R13154, 008R13155

Colour Black, Cyan, Magenta, 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 Xerox Ltd.
 Building 4
 Uxbridge Business Park
 Sanderson Road
 Uxbridge
 Middlesex. UB8 1DH
 UK

For further information, please contact

Contact person Manager, Environment, Health, Safety
 & Sustainability
Phone ++44 (0)1707 353434
E-mail address ehs-europe@xerox.com

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

1.4 Emergency telephone number

+44 1865 407333

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)

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Signal Word

Danger



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

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	60-80	7732-18-5	231-791-2	--	--	--
ethane-1,2-diol	5-15	107-21-1	203-473-3	Acute Tox. 4	H302	--
2-Pyrrolidone	5-10	616-45-5	210-483-1	Eye Irrit 2 Repro Tox 1B	H319 H360	--
Black dye	<10	Proprietary	--	--	--	--
Yellow dye	<10	Proprietary	--	--	--	--
Glycerin	<10	56-81-5	200-289-5	--	--	--
Blue dye	<10	Proprietary	--	--	--	--
Red dye	<10	Proprietary	Listed	--	--	--

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.

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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
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5. FIREFIGHTING 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 vapours

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

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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, Dyke 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 This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Chemical Name	ACGIH TLV	European Union
ethane-1,2-diol	STEL 50 ppm STEL 10 mg/m ³ TWA: 25 ppm	TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³ S*

8.2 Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

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

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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.
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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Opaque	Odour	Slight
Physical state	Liquid	Colour	Black, Cyan, Magenta, Yellow
pH	8 - 10		
Flash point	Not flammable		
Melting / Freezing Point	Not determined		
Boiling point/boiling 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		
Vapour pressure	No information available		
Vapour 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		
Oxidising 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

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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

Irritation May cause skin and eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
ethane-1,2-diol	4700 mg/kg (Rat)	10600 mg/kg (Rat) 9530 µL/kg (Rabbit)	2.5 mg/L (Rat)
2-Pyrrolidone	6500 mg/kg (Rat)	2000 mg/kg (Rabbit)	80 ppm (Rat) 8 h
Glycerin	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h

Chronic toxicity

Carcinogenicity Not classifiable as a human carcinogen

Other toxic effects

Sensitisation	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

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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

Soluble

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**

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

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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

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

16. OTHER INFORMATION

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 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
 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
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Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
ethane-1,2-diol	STEL 40 ppm STEL 104 mg/m ³ STEL 30 mg/m ³ TWA 10 mg/m ³ TWA 20 ppm TWA 52 mg/m ³ Skin	TWA 10 mg/m ³ TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 30 mg/m ³ STEL 104 mg/m ³ Skin	TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³ P*	AGW 10 ppm AGW 26 mg/m ³ H*	Huid* STEL 104 mg/m ³ TWA 52 mg/m ³ TWA 10 mg/m ³
Glycerin	STEL 30 mg/m ³ TWA 10 mg/m ³		TWA 10 mg/m ³	AGW 200 mg/m ³	

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
ethane-1,2-diol	D* Maximum Limit Value 40 ppm Maximum Limit Value 104 mg/m ³ Maximum Limit Value 20 ppm Maximum Limit Value 52 mg/m ³	SS-C** H* TWA 10 ppm TWA 26 mg/m ³ STEL 20 ppm STEL 52 mg/m ³	H* STEL 20 ppm STEL 52 mg/m ³ TWA 10 ppm TWA 26 mg/m ³	STEL 104mg/m ³ TWA 52mg/m ³ S*	TWA 50 mg/m ³ Ceiling 100 mg/m ³ S*
Glycerin	TWA 10 mg/m ³	SS-C** TWA 50 mg/m ³ STEL 100 mg/m ³			TWA 10 mg/m ³ Ceiling 15 mg/m ³

Chemical Name	Spain	Portugal	Italy	Greece	Romania
ethane-1,2-diol	TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³ S*	TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³ Ceiling 100 mg/m ³ C(A4) P*	TWA 20 ppm TWA 52 mg/m ³ STEL 40 ppm STEL 104 mg/m ³ Pelle*	TWA 50 ppm TWA 125 mg/m ³ STEL 50 ppm STEL 125 mg/m ³	P* STEL 40 ppm STEL 104 mg/m ³ TWA 20 ppm TWA 52 mg/m ³
Glycerin	TWA 10 mg/m ³	TWA 10 mg/m ³		TWA 10 mg/m ³	

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
ethane-1,2-diol	TWA 15 mg/m ³ STEL 50 mg/m ³	TWA 10 ppm TWA 26 mg/m ³ TWA 10 mg/m ³ H*	TLV 10 ppm TLV 25 mg/m ³ Binding STEL 40 ppm Binding STEL 104 mg/m ³ A*	TWA 20 ppm TWA 50 mg/m ³ STEL 40 ppm STEL 100 mg/m ³ iho*	TWA 20 ppm TWA 52 mg/m ³ S* STEL 104 mg/m ³ STEL 40 ppm
Glycerin	TWA 10 mg/m ³			TWA 20 mg/m ³	

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

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Disclaimer

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