

Safety Data Sheet

SDS # : F-60001

Ink -Jet Black, Cyan, Magenta, Yellow

Issuing Date 2013-06-28

Revision Date 2018-06-08

Version 1.01

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

Product Identifier

Product Name

Ink Jet for **Xerox Wide Format IJP 2000 System**

Part no.

008R13152, 008R13153, 008R13154, 008R13155

Color

Black, Cyan, Magenta, Yellow

Pure substance/mixture

Mixture

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use

Ink jet printing

Details of the supplier of the safety data sheet

Supplier

Xerox Corporation
Rochester, NY 14644

For further information, please contact

Contact person

Manager, Environment, Health, Safety & Sustainability

E-mail address

askxerox@xerox.com

Emergency telephone

Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified

Label elements

Symbol(s)

None required

Signal Word

None

Hazard Statements

None required

Precautionary Statements

None required

Other hazards

Magenta ink only:

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
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Water	7732-18-5	60-80	--	--
Ethylene glycol	107-21-1	5-15	Acute Tox. 4	H302
2-Pyrrolidone	616-45-5	5-10	Eye Irrit. 2	H319
Glycerin	56-81-5	<10	--	--
Red dye	Proprietary	<10	Eye irrit. 2 Skin Sens. 1 Aquatic Chron 2	H319 H317 H411
Color pigments	Proprietary	<10	--	--

"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

4. FIRST AID MEASURES

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 If swallowed, do not induce vomiting - seek medical advice

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 Avoid breathing vapors or mists, May be harmful if inhaled

Ingestion Do not ingest, May be harmful if swallowed

Main symptoms

Overexposure may cause:
Eye irritation
Skin irritation

Indication of immediate medical attention and special treatment needed

Protection of first-aiders No special protective equipment required

Notes to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Water spray, Foam, Carbon dioxide (CO₂)

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Special hazards arising from the substance or mixture

Hazardous combustion products
Thermal decomposition can lead to release of irritating gases and vapors

None in particular

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.
Wear self-contained breathing apparatus and protective suit

Other information

Flash point No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes, Use personal protective equipment

Environmental precautions

Should not be released into the environment, Do not allow material to contaminate ground water system

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 Prevent entry into waterways, sewers, basements or confined areas
Soak up with inert absorbent material

Reference to other sections

Do not dispose of waste into sewer

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice
Ensure adequate ventilation
Avoid contact with skin and eyes
Handle and open container with care

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place
Keep out of the reach of children
Handle with care

Incompatible products No information available

Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Ethylene glycol	STEL 50 ppm STEL 10 mg/m ³ TWA: 25 ppm	
Glycerin		TWA: 15 mg/m ³ TWA: 5 mg/m ³

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Opaque	Odor	Slight
Physical state	Liquid	Odor threshold	No information available
Color	Black, Cyan, Magenta, Yellow	pH	6.5 -7.5

Flash point	No information available >90 °C / >194 °F
Softening point	Not applicable
Evaporation rate	No information available
Flammability Limits in Air	No information available

Vapor pressure	>1
Vapor density	No information available
Specific gravity	No information available
Density	1 -1.1
Water solubility	Soluble in water
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	Not determined
Viscosity	<15 cP
Explosive properties	Not explosive
Oxidizing properties	Not applicable

Other information

None

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

Hazardous reactions	None under normal processing
Hazardous polymerization	Hazardous polymerization does not occur

Conditions to avoid

None known based on information supplied

Incompatible Materials

No information available

Hazardous decomposition products

Undefined, but may include toxic oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

No acute toxicity information is available for this product

Irritation Human Patch: Non-irritating, non sensitizing.
Oral LD50 > 2 g/kg (rat)
Dermal LD50 Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Ethylene glycol	4700 mg/kg (Rat)	9530 µL/kg (Rabbit) 10600 mg/kg (Rat)	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

Sensitization Not a sensitizer
Neurological Effects No information available
Target organ effects No information available

CMR Effects

Mutagenic effects Not mutagenic in AMES Test
Reproductive toxicity No information available
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard No information available

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity On available data, the mixture / preparation is not harmful to aquatic life
Chronic Aquatic Toxicity On available data, the mixture / preparation is not harmful to aquatic life

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Ethylene glycol	6500 - 13000 mg/L EC50 96 h (Pseudokirchneriella subcapitata)	LC50= 41000 mg/L Oncorhynchus mykiss 96 h LC50 14 - 18 mL/L Oncorhynchus mykiss 96 h LC50= 27540 mg/L Lepomis macrochirus 96 h LC50 40000 - 60000 mg/L Pimephales promelas 96 h LC50= 40761 mg/L Oncorhynchus mykiss 96 h LC50= 16000 mg/L Poecilia reticulata 96 h		EC50 = 46300 mg/L 48 h
2-Pyrrolidone	250 mg/L EC50 72 h (Desmodesmus subspicatus) 84 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50 4600 - 10000 mg/L Brachydanio rerio 96 h		LC50 = 3.4 mg/L 96 h
Glycerin		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h

Persistence and degradability

No product level data available

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Ethylene glycol	107-21-1	5-15	Present	Group I		
Glycerin	56-81-5	<10		Group II		

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ethylene glycol	5000 lb	

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS No.	California Prop. 65
Ethylene glycol	107-21-1	Developmental

U.S. State Right-to-Know Regulations

This product is subject to U.S. State Right-to-know regulations as noted below.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethylene glycol	X	X	X	X	
2-Pyrrolidone	X		X		
Glycerin	X	X	X		

16. OTHER INFORMATION

Issuing Date 2013-06-28
Revision Date 2018-06-08
Revision Note (M)SDS sections updated:, 3, 16

Full text of H-Statements referred to under sections 2 and 3

- H302 - Harmful if swallowed
- H319 - Causes serious eye irritation
- H317 - May cause an allergic skin reaction
- H411 - Toxic to aquatic life with long lasting effects

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

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