

Safety Data Sheet

SDS #: F-60001

Ink -Jet Black, Cyan, Magenta, Yellow

Issuing Date 2013-06-28

Revision Date 2020-02-10

Version 2

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
 Webster, NY 14580

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

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

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified

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

Label elements

Symbol(s) None required



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

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

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
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 Repro Tox 1B	H319 H360
Black dye	Proprietary	<10	--	--
Yellow dye	Proprietary	<10	--	--
Glycerin	56-81-5	<10	--	--
Blue dye	Proprietary	<10	--	--
Red dye	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 Do not ingest, 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 No known effect
Ingestion Do not ingest, May be harmful if swallowed

Main symptoms **Overexposure may cause:**
 Eye irritation
 Skin irritation
 May damage fertility or the unborn child

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 (CO ₂), 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

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

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

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes, Use personal protective equipment

Environmental precautions

Should not be released into the environment, Avoid runoff to waterways and sewers

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	Soak up with inert absorbent material

Reference to other sections

For personal protection see section 8
See Section 13 for additional information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on 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
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Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a dry and well-ventilated place, Keep out of the reach of children, Handle with care

Incompatible products	Alkali metals, Strong oxidizing agents, Peroxides
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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.

Environmental Exposure Controls

Environmental Exposure Controls Do not allow material to contaminate ground water system

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	8 - 10

Flash point	Not flammable
Melting / Freezing Point	Not determined
Boiling point/range	>100 °C / >212 °F
Softening point	Not applicable
Evaporation rate	No information available
Flammability	Not flammable
Flammability Limits in Air	No information available

Vapor pressure	No information available
Vapor 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
Oxidizing properties	Not applicable

Particle characteristics 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

Strong oxidizing agents, Extremes of temperature and direct sunlight

Incompatible Materials

Alkali metals, Strong oxidizing agents, Peroxides

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 May cause skin and eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Ethylene glycol	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

Sensitization Not expected to be a sensitizer
Neurological Effects No information available
Target organ effects None known

CMR Effects

Mutagenic effects Not mutagenic
Reproductive toxicity May damage fertility or the unborn child if swallowed
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard No information available

11.2 Information on other hazards

Endocrine disrupting properties No information available

12. ECOLOGICAL INFORMATION

Toxicity

Acute Aquatic Toxicity No product level data available
Chronic Aquatic Toxicity No product level data available

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= 40761 mg/L Oncorhynchus mykiss 96 h LC50 40000 - 60000 mg/L Pimephales promelas 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

Soluble

Component Information

Chemical Name	log Pow
Ethylene glycol	-1.93
2-Pyrrolidone	-0.71
Glycerin	-1.76

Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

Endocrine disrupting properties

No information available

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

Do not dispose of waste into sewer
Dispose of in accordance with all applicable local and national environmental laws and regulations

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal

California Waste Status

This product does not contain any substances listed with the State of California as a hazardous waste.

14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Regulatory Status

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories

TSCA Complies
 DSL/NDSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Ethylene glycol	107-21-1	1.0

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
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
Water			X		
Ethylene glycol	X	X	X	X	
2-Pyrrolidone	X		X		
Glycerin	X	X	X		
Blue dye	X	X			

16. OTHER INFORMATION

Issuing Date 2013-06-28
Revision Date 2020-02-10
Revision Note (M)SDS sections updated:, 3
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

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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