

Safety Data Sheet

SDS # : F-60001

Ink -Jet Black, Cyan, Magenta, Yellow

Issuing Date 2013-06-28

Revision Date 2015-06-09

Version 1

1. Product and Company Identification

Trade Name Ink Jet for Xerox Wide Format IJP 2000 System

Part no. 008R13152, 0008R13153, 008R13154, 008R13155

Color Cyan , Black, Magenta, Yellow
Pure substance/preparation Preparation

Identified uses Ink jet printing

Manufactured by Xerox Corporation
 Rochester, NY 14644

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

2. Hazards Identification

Emergency Overview

The product contains no substances which, in the form utilized and at their given concentrations, are considered to be hazardous to health.

Color	Appearance	Physical state	Odor
Cyan , Black, Magenta, Yellow	Liquid	Liquid	Slight

Classification of the substance or mixture

Consumers Not classified

GHS Label elements, including precautionary statements

Signal Word	None
Hazard Statements	None required
Precautionary Statements	None required

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure	Skin contact, Inhalation, Ingestion
Acute toxicity	
Eyes	No irritation expected
Skin	No irritation or sensitization expected
Inhalation	No known effect
Ingestion	No known effect
Chronic effects	
Environmental hazard	See Section 12 for additional Ecological Information

3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
Water	7732-18-5	60-80
Ethylene glycol	107-21-1	5-15
2-Pyrrolidone	616-45-5	5-15
Glycerin	56-81-5	<10
Color Dyes	Proprietary	<10

4. First Aid Measures

General advice	When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Skin contact	Wash off with warm water and soap
Inhalation	If inhaled: Remove to fresh air Get medical attention immediately if symptoms occur
Ingestion	Rinse mouth Do not induce vomiting without medical advice Get medical attention immediately if symptoms occur
Notes to physician	Treat symptomatically
Protection of first-aiders	No special protective equipment required

5. Fire-Fighting Measures

Flammable properties	Not flammable. Will not readily ignite
Flash point	> 100 °C
Suitable extinguishing media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire
Specific hazards arising from the chemical	
Hazardous combustion products	May emit toxic fumes under fire conditions
Explosion Data	
Sensitivity to Mechanical Impact	Not impact sensitive
Sensitivity to Static Discharge	Not sensitive

Protective Equipment and Precautions for Firefighters
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions Ensure adequate ventilation. For personal protection see section 8.

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Keep away from sources of ignition - No smoking. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear appropriate personal protective equipment, avoid direct contact.

Other Information The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

7. Handling and Storage

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice

Technical measures/Storage conditions Use only in well-ventilated areas
Keep away from heat and sources of ignition
Keep tightly closed in a dry and cool place

Hygiene measures None under normal use conditions

8. Exposure Controls/Personal Protection

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Ethylene glycol	Ceiling: 100 mg/m ³	
Glycerin		TWA: 15 mg/m ³ TWA: 5 mg/m ³

Occupational Exposure Controls

Engineering measures None under normal use conditions.

Personal Protective Equipment

Consumer use These recommendations apply to the product as supplied

Respiratory protection None under normal use conditions

Eye/Face protection None under normal use conditions

Skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact

Hand protection None under normal use conditions

9. Physical and Chemical Properties

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

Flash point	> 100 °C	Boiling point/range	> 90 °C / > 194 °F
Autoignition temperature	No information available		
Volatile Organic Compounds Flammability Limits in Air	To be determined No information available		
Vapor pressure	>1		
Vapor density	No information available		
Density	1 -1.1		
Water solubility	Soluble in water		
Viscosity	<15 cP		
Partition coefficient	Not applicable		
Evaporation rate	No information available		
Melting point/range	No information available		
Freezing point	Not determined		
Decomposition temperature	Not determined		
Specific gravity	Not determined		

10. Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use
Stability	Stable under normal conditions
Incompatible products	Strong oxidizing agents
Conditions to Avoid	Heat, flames and sparks
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx)
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. Toxicological Information

Acute toxicity

Product information

Component information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethylene glycol	4000 - 10200 mg/kg (Rat)	10600 mg/kg (Rat) 9530 µL/kg (Rabbit)	
2-Pyrrolidone	3200 mg/kg (Rat)		
Glycerin	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h

Chronic toxicity

Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Product information

Skin/Eye Irritation	Not an irritant
Sensitization	Not expected to cause skin sensitization
Mutagenic effects	Not mutagenic in AMES Test
Teratogenicity	No information available
Target organ effects	No information available
Aspiration Hazard	Not applicable

Other adverse effects No information available

12. Ecological Information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

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 = 620 mg/L 30 min EC50 = 10000 mg/L 16 h EC50 = 620.0 mg/L 30 min	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

Bioaccumulation No product level data available

Mobility No product level data available

Component information

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

Other adverse effects No information available

13. Disposal Considerations

Waste Disposal Methods Dispose of in accordance with all applicable national environmental laws and regulations

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport Information

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

15. Regulatory Information

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	

TSCA

TSCA 12(b) does not apply to this product.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

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	X
2-Pyrrolidone	X		X		
Glycerin	X	X	X		X

EU REACH

This substance has been registered according to Regulation (EC) No. 1907/2006 (REACH).

Mexico - Grade

Chemical Name	Carcinogen Status	Exposure Limits
Ethylene glycol		Mexico: Ceiling 100 mg/m ³
Glycerin		Mexico: TWA 10 mg/m ³

Canada

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

NPRI

This product contains the following substances listed on the NPRI for Canada:

Component	NPRI
Ethylene glycol 107-21-1 (5-15)	X

16. Other Information

Issuing Date	2013-06-28
Revision Date	2015-06-09
Revision Note	Updated for OSHA HazCom 2012 and WHMIS 2015

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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