

Safety Data Sheet

SDS # : F-60041

Aqueous Ink - Yellow

Issuing Date 2018-10-02

Revision Date 2019-05-08

Version 1

Active

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

Product Identifier

Product Name

HF Aqueous Ink for Xerox® Baltoro™ HF InkJet Press

Part no.

008R13259

Color

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

SupplierXerox Corporation
Webster, NY 14580**For further information, please contact****Contact person**

Manager, Environment, Health, Safety & Sustainability

E-mail address

askxerox@xerox.com

Emergency telephoneSafety 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

Label elements

Symbol(s)

None required

Signal Word

None

Hazard Statements

None required

Precautionary Statements

None required

Other hazards

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
Water	7732-18-5	50-60	--	--
Propylene glycol	57-55-6	15-35	--	--
1,2-Hexanediol	6920-22-5	<8	Eye Irrit. 2	H319
Yellow pigment	Proprietary	<5	--	--
Triethanolamine	102-71-6	<1	--	--
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400

"--" 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 May cause slight irritation

Skin No known effect

Inhalation No known effect

Ingestion None known

Chronic toxicity Repeated contact may cause allergic reactions in very susceptible persons

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

None in particular

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

Flash point > 100 °C / > 212 °F

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, 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, Prevent entry into waterways, sewers, basements or confined areas

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

Reference to other sections

See section 12 for additional ecological information

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

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

Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Triethanolamine	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	Yellow	pH	7-9.5

Flash point > 100 °C / > 212 °F

Boiling point/range Not determined

Softening point Not applicable

Evaporation rate No information available

Flammability Limits in Air No information available

Vapor pressure No information available

Vapor density No information available

Specific gravity No information available

Water solubility Dispersable

Partition coefficient No information available

Autoignition temperature No information available

Decomposition temperature Not determined

Viscosity 5-7 mPa.s @ 25 °C

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

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 eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Propylene glycol	20 g/kg (Rat)	20800 mg/kg (Rabbit)	
Triethanolamine	4190 mg/kg (Rat)	20 mL/kg (Rabbit) 16 mL/kg (Rat)	
1,2-Benzisothiazolin-3-one	1020 mg/kg (Rat)		

Chronic toxicity

Sensitization Contains a chemical that can cause an allergic reaction in susceptible people
Neurological Effects No information available
Target organ effects No information available

CMR Effects

Mutagenic effects No information available
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, substance is not harmful to aquatic life.
Chronic Aquatic Toxicity On available data, substance 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
Propylene glycol	19000 mg/L EC50 96 h (Pseudokirchneriella subcapitata)	LC50= 51600 mg/L Oncorhynchus mykiss 96 h LC50= 51400 mg/L Pimephales promelas 96 h LC50 41 - 47 mL/L Oncorhynchus mykiss 96 h LC50= 710 mg/L Pimephales promelas 96 h		EC50 > 1000 mg/L 48 h EC50 > 10000 mg/L 24 h
Triethanolamine	216 mg/L EC50 72 h (Desmodesmus subspicatus) 169 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50 10600 - 13000 mg/L Pimephales promelas 96 h LC50> 1000 mg/L Pimephales promelas 96 h LC50 450 - 1000 mg/L Lepomis macrochirus 96 h		EC50 = 1386 mg/L 24 h

Persistence and degradability

No product level data available

Bioaccumulative potential

No product level data available

Mobility in soil

Soluble in water

Component Information

Chemical Name	log Pow
Triethanolamine	-2.53
1,2-Benzisothiazolin-3-one	1.3

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
Water			X		
Propylene glycol		X	X		
Triethanolamine	X	X	X		

16. OTHER INFORMATION

Issuing Date 2018-10-02
Revision Date 2019-05-08
Revision Note Initial Release

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

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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