Safety Data Sheet

SDS # : F-60051

Waterbased HD Cyan Ink

Issuing Date 2021-02-16 **Revision Date** 2021-10-11 **Version** 3

Active

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

Product Identifier

Product Name

HD Waterbased Ink for Xerox® Trivor® 2400 HD Inkjet Press, iPrint - Reference 75-125, iPrint - eVolution/Compact 75 - 125

Part no. 008R13312

Color Cyan
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

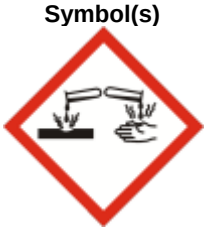
2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Serious eye damage/eye irritation	Category 1

Label elements

Symbol(s)



Signal Word Danger

Hazard Statements H318 - Causes serious eye damage

Precautionary Statements
P280 - Wear 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
P310 - Immediately call a POISON CENTER or doctor/physician

Other hazards

No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Water	7732-18-5	50-75	--	--
Glycerin	56-81-5	20-30	--	--
Cyan pigment	Proprietary	5-12	--	--
2-Pyrrolidone	616-45-5	<3	Eye Irrit 2 Repro Tox 1B	H319 H360
Triethylene glycol, monobutyl ether	143-22-6	1-10	Eye Dam. 1	H318
Additive	9014-85-1	<1	Eye Irrit. 2 Acute Aquatic 3 Chronic Aquatic 3	H319 H402 H412
1,2-Hexanediol	6920-22-5	<1	Eye Irrit. 2	H319
Polyethylene glycol monobutyl ether	9004-77-7	<1	Eye Dam. 1	H318
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 Rinse thoroughly with plenty of water, also under the eyelids, If eye irritation persists, consult a specialist

Skin contact Wash off with warm water and soap

Inhalation Move to fresh air, If symptoms persist, call a physician

Ingestion Clean mouth with water and afterwards drink plenty of water, Consult a physician if necessary

Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes Severely irritating to eyes

Skin May cause irritation

Inhalation May cause irritation of respiratory tract

Ingestion No known effect

Main symptoms May cause eye and 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 (CO_2)

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

No information available

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flash point > 100 °C

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes

Environmental precautions

Do not allow material to contaminate ground water system

Methods and material for containment and cleaning up

Methods for containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal

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

Reference to other sections

No information available

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, Prevent the formation of vapors, mists and aerosols

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

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
Glycerin		TWA: 15 mg/m³ TWA: 5 mg/m³
Cyan pigment	TWA: 1 mg/m³	

Exposure controls

Engineering measures Ensure adequate ventilation, especially in confined areas

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

Eye/Face protection None under normal use conditions
Hand protection None under normal use conditions
Skin and body protection None under normal use conditions
Respiratory protection Use only with adequate ventilation.

Environmental Exposure Controls

Environmental Exposure Controls Keep out of drains, sewers, ditches and waterways

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Opaque
Physical state Liquid
Color Cyan
Odor Slight
Odor threshold No information available
pH 7.5 - 9.0

Flash point > 100 °C

Melting / Freezing Point Not applicable
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
Density 1.09 g/cm3
Water solubility Soluble in water
Partition coefficient No information available
Autoignition temperature No information available
Decomposition temperature Not determined
Viscosity Viscosity, dynamic 5.4 - 6 Pa.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

None known based on information supplied.

Incompatible Materials

No information available

Hazardous decomposition products

None under normal use

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

No acute toxicity information is available for this product

Irritation Severe eye irritant
Oral LD50 Not determined
Dermal LD50 Not determined

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Glycerin	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m³ (Rat) 1 h
Cyan pigment	10000 mg/kg (Rat)		
2-Pyrrolidone	6500 mg/kg (Rat)	2000 mg/kg (Rabbit)	80 ppm (Rat) 8 h
Triethylene glycol, monobutyl ether	5300 mg/kg (Rat)	2000 mg/kg (Rabbit)	
1,2-Benzisothiazolin-3-one	1020 mg/kg (Rat)		

Chronic toxicity

Sensitization Not a sensitizer
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

Information on other hazards

Endocrine disrupting properties 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

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates

Glycerin		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 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
Triethylene glycol, monobutyl ether	500 mg/L EC50 72 h (Desmodesmus subspicatus)	LC50= 2400 mg/L Pimephales promelas 96 h LC50 2200 - 4600 mg/L Leuciscus idus 96 h		EC50 > 500 mg/L 48 h

Persistence and degradability

No product level data available

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Chemical Name	log Pow
Glycerin	-1.76
Cyan pigment	6.6
2-Pyrrolidone	-0.71
Triethylene glycol, monobutyl ether	0.51
1,2-Benzisothiazolin-3-one	1.3

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

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

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 %
Cyan pigment		1.0
Triethylene glycol, monobutyl ether	143-22-6	1.0

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Cyan pigment		X		

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
Glycerin	56-81-5	20-30		Group II		
Triethylene glycol, monobutyl ether	143-22-6	1-10	Present			

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following 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		
Glycerin	X	X	X		
Cyan pigment		X	X		
2-Pyrrolidone	X		X		
Triethylene glycol, monobutyl ether		X	X	X	

16. OTHER INFORMATION

Issuing Date	2021-02-16
Revision Date	2021-10-11
Revision Note	(M)SDS sections updated:, 3

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
H360 - May damage fertility or the unborn child
H400 - Very toxic to aquatic life
H402 - Harmful to aquatic life
H412 - Harmful 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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