

Safety Data Sheet

SDS # : D-40033

Recovery Fluid Cleaning Solution

Issuing Date 2019-06-10

Revision Date 2022-06-16

Version 2

Active

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

Product Identifier

Product Name

Recovery Fluid for Xerox® Trivor® 2400 HF Inkjet Press, Xerox® Baltoro™
Cleaning Solution HF InkJet Press

Part no. 042N00179, 502S11711

Color Colorless
Pure substance/mixture Mixture

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

Recommended Use Cleaning agent

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://safetydatasheets.business.xerox.com>

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

This product contains no hazardous ingredients that meet the threshold for classification of the mixture.

Label elements

GHS Label elements, including precautionary statements

Symbol(s) None required

Signal Word None required

Hazard Statements None required

Precautionary Statements None required

Other hazards

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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	60-80	--	--
Glycerin	56-81-5	10-30	--	--
Butyl carbitol	112-34-5	<10	Eye Irrit. 2	H319
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	<1	Eye Damage 1 Acute Tox. 4 (oral) Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 3	H318 H302 H315 H400 H412
Alcohols, C12-15-branched and linear, ethoxylated propoxylated	120313-48-6	<1	Skin irrit. 2 Eye Damage 1 Aquatic Acute 1 (M=1) Aquatic Chronic 2	H315 H318 H400 H411
Triethanolamine	102-71-6	<1	--	--
1,2-Benzisothiazolin-3-one	2634-33-5	<0.036	Acute Tox. 4 (oral) 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, Get medical attention immediately if symptoms occur
Skin contact	Wash off immediately with soap and plenty of water, Get medical attention if irritation develops and persists
Inhalation	Move to fresh air in case of accidental inhalation of vapors
Ingestion	Not an expected route of exposure, Rinse mouth with water and afterwards drink plenty of water or milk

Most important symptoms and effects, both acute and delayed

Acute toxicity	
Eyes	May cause slight irritation
Skin	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
Inhalation	No known effect
Ingestion	No known effect
Chronic toxicity	Repeated contact may cause allergic reactions in very susceptible persons

Indication of immediate medical attention and special treatment needed

Protection of first-aiders	No special protective equipment required
Notes to physician	Treat symptomatically, Contains a chemical that can cause an allergic reaction in

susceptible people

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use CO2, dry chemical, or foam

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

Thermal decomposition can lead to release of toxic and corrosive gases/vapors

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flammability Not flammable. Will not readily ignite.

Flash point Not Available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, Avoid contact with skin, eyes and inhalation of vapors, For personal protection see section 8

Environmental precautions

Keep out of waterways

Methods and material for containment and cleaning up

Methods for containment Prevent entry into waterways, sewers, basements or confined areas

Methods for cleaning up Soak up with inert absorbent material, Clean contaminated surface thoroughly

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 Do not use in areas without adequate ventilation, Avoid breathing vapors, mist or gas, Avoid contact with skin, eyes and clothing, Wash hands thoroughly after handling, For personal protection see section 8

Hygiene measures

Do not eat, drink or smoke when using this product

Handle in accordance with good industrial hygiene and safety practice

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 away from direct sunlight, Storage between 0 and 35 °C

Incompatible products

Strong acids, Alkaline, Oxidizing agents

Specific end uses

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Cleaning agent

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Glycerin		TWA: 15 mg/m ³ TWA: 5 mg/m ³
Butyl carbitol	TWA: 10 ppm	
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

Avoid contact with eyes, If splashes are likely to occur, wear:, Safety glasses with side-shields

Hand protection

Rubber/latex/neoprene or other suitable chemical resistant gloves

Skin and body protection

No special protective equipment required

Respiratory protection

No special protective equipment required.

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	Liquid	Odor	Slight
Physical state	Liquid	Odor threshold	No data available
Color	Colorless	pH	7-11 (25C°)

Flash point

Not Available

Melting / Freezing Point

Not applicable

Boiling point/range

No information available

Softening point

Not applicable

Evaporation rate

No information available

Flammability

Not flammable. Will not readily ignite.

Flammability Limits in Air

No information available

Vapor pressure

No information available

Vapor density

No information available

Specific gravity

No information available

Density

No information available

Water solubility

Soluble in water

Partition coefficient

No information available

Autoignition temperature

No information available

Decomposition temperature

Not determined

Viscosity

1-6 mPa.s

Explosive properties

Not explosive

Oxidizing properties

Not applicable

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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

Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, Alkaline, Oxidizing agents

Hazardous decomposition products

Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

Irritation May cause eye irritation

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Glycerin	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (Rat) 1 h
Butyl carbitol	5660 mg/kg (Rat)	2700 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 known effect

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 Not applicable

Information on other hazards

Endocrine disrupting properties No information available

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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
Glycerin		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
Butyl carbitol	100 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50= 1300 mg/L Lepomis macrochirus 96 h		EC50 > 100 mg/L 48 h EC50 = 2850 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

No product level data available

Component Information

Chemical Name	log Pow
Glycerin	-1.76
Triethanolamine	-2.53
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

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

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

Dispose of in accordance with local regulations

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 product is an article which contains a mixture / preparation in powder form. Safety information is given for exposure to the article as sold and used by the customer. Intended use of the product is not expected to result in exposure to the mixture / preparation based on the packaging and method of dispensing.

While this material is not considered hazardous by the OSHA hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information for the safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product.

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 %
Butyl carbitol	112-34-5	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
Glycerin	56-81-5	10-30		Group II		
Butyl carbitol	112-34-5	<10	Present	Group I		
Triethanolamine	102-71-6	<1		Group I		

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 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		
Glycerin	X	X	X		
Butyl carbitol		X	X	X	
Triethanolamine	X	X	X		

16. OTHER INFORMATION

Issuing Date 2019-06-10
Revision Date 2022-06-16
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
H400 - Very toxic to aquatic life
H411 - Toxic to aquatic life with long lasting effects
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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