

Safety Data Sheet

SDS #: D-40033

Recovery Fluid Cleaning Solution

Issuing Date 2019-06-10

Revision Date 2024-08-01

Version 3

Active

SECTION 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://safetysheets.business.xerox.com>

SECTION 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

Contains a chemical that can cause an allergic reaction in susceptible people

SECTION 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. 2/inhal.(ATE = 0.21 mg/L, dusts or mists) Acute Tox. 4/oral (ATE = 450 mg/kg bw) Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1A (C ≥ 0.036 %) Aquatic Acute 1 (M = 1) Aquatic Chronic 1 (M = 1)	H330 H302 H315 H318 H317 H400 H410

"--" indicates no classification or hazard statements apply.

Full text of H- statements: see section 16

SECTION 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

SECTION 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

SECTION 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

SECTION 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
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Hygiene measures	Do not eat, drink or smoke when using this product Handle in accordance with good industrial hygiene and safety practice
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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

**Recovery Fluid
Cleaning Solution**

Incompatible products Strong acids, Alkaline, Oxidizing agents

Specific end uses
Cleaning agent

SECTION 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

SECTION 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

**Recovery Fluid
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Decomposition temperature Not determined
Viscosity 1-6 mPa.s
Explosive properties Not explosive
Oxidizing properties Not applicable

Other information
None

SECTION 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)

SECTION 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 Not expected to be mutagenic
Reproductive toxicity No known effects under normal use conditions
Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects
Aspiration Hazard Not applicable

Information on other hazards

Endocrine disrupting properties This product does not contain any known or suspected endocrine disruptors

SECTION 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

This product does not contain any known or suspected endocrine disruptors

Other adverse effects

No information available

SECTION 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

SECTION 14. TRANSPORT INFORMATION

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

SECTION 15. REGULATORY INFORMATION

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

OSHA Regulatory Status

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

Legend

TSCA United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List

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		

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

SECTION 16. OTHER INFORMATION

Issuing Date 2019-06-10
Revision Date 2024-08-01
Revision Note (M)SDS sections updated:, 3, 16

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
- H330 - Fatal if inhaled
- H400 - Very toxic to aquatic life
- H411 - Toxic to aquatic life with long lasting effects
- H410 - Very 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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