

Safety Data Sheet

according to the Globally Harmonised System

SDS #: D-40033

Recovery Fluid Cleaning Solution

Issuing Date 2019-06-10

Revision Date 2024-08-01

Version 4
Active

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

1.1 Product Identifier

Product Name Recovery Fluid, Cleaning Solution for Xerox® Trivor® 2400 HF Inkjet Press, Xerox® Baltoro™ HF InkJet Press
Part no. 042N00179, 502S11711

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

Recommended Use Cleaning agent

1.3 Details of the supplier of the safety data sheet

Supplier Xerox Europe Limited
Xerox Technology Park
Dublin Road
Dundalk
Co. Louth
Ireland

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
Phone +353 429387410
Fax -
E-mail address ehs-europe@xerox.com

For the most current document <https://safetysheets.business.xerox.com>

1.4 Emergency telephone

Not applicable

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to present data no classification and labelling is required according to Regulation (EC) No 2020/878.

2.2 Label elements

GHS Label elements, including precautionary statements

Symbol(s) None required
Signal Word None required

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Hazard Statements None required
Precautionary Statements None required

2.3 Other hazards

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

| Chemical Name | Weight % | CAS No. | EC-No | Classification (Reg. 1272/2008) | Hazard Statements |
|--|----------|-------------|-----------|---|--|
| Water | 60-80 | 7732-18-5 | 231-791-2 | -- | -- |
| Glycerin | 10-30 | 56-81-5 | 200-289-5 | -- | -- |
| Diethylene glycol monobutyl ether | <10 | 112-34-5 | 203-961-6 | Eye Irrit. 2 | H319 |
| Alcohols, C11-14-iso-, C13-rich, ethoxylated | <1 | 78330-21-9 | - | 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 | <1 | 120313-48-6 | - | Skin irrit. 2 Eye Damage 1 Aquatic Acute 1 (M=1) Aquatic Chronic 2 | H315 H318 H400 H411 |
| Triethanolamine | <1 | 102-71-6 | 203-049-8 | -- | -- |
| 1,2-Benzisothiazolin-3-one | <0.036 | 2634-33-5 | 220-120-9 | 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 |

Full text of H- statements: see section 16

Note

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

SECTION 4. FIRST AID MEASURES

4.1 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 vapours |

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Ingestion Not an expected route of exposure, Rinse mouth with water and afterwards drink plenty of water or milk

4.2 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 effects

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

4.3 Indication of immediate medical attention and special treatment needed

Notes to physician Treat symptomatically, Contains a chemical that can cause an allergic reaction in susceptible people

SECTION 5. FIREFIGHTING MEASURES

5.1 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

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flammability Not flammable
Flash point Not Available

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

Keep out of waterways

6.3 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

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6.4 Reference to other sections

See section 12 for additional ecological information
See Section 13 for additional information

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not use in areas without adequate ventilation, Avoid breathing vapours, 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

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place, Keep away from direct sunlight, Storage between 0 and 35 °C

7.3 Specific end uses

Cleaning agent

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure Limits For country specific exposure limits see Section 16

| Chemical Name | ACGIH TLV | European Union |
|-----------------------------------|--------------------------|---|
| Diethylene glycol monobutyl ether | TWA: 10 ppm | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ |
| Triethanolamine | TWA: 5 mg/m ³ | |

8.2 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

9.1 Information on basic physical and chemical properties

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| | | | |
|------------------------------------|--------------------------|------------------------|-------------------|
| Appearance | Liquid | Odour | Slight |
| Physical state | Liquid | Odour threshold | No data available |
| Colour | Colourless | pH | 7-11 (25C°) |
| Flash point | Not Available | | |
| Melting / Freezing Point | Not applicable | | |
| Boiling point/boiling range | No information available | | |
| Softening point | Not applicable | | |
| Evaporation rate | No information available | | |
| Flammability | Not flammable | | |
| Flammability Limits in Air | No information available | | |
| Vapour pressure | No information available | | |
| Vapour 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 | | |
| Oxidising properties | Not applicable | | |

9.2 Other information

None

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

| | |
|---------------------------------|---|
| Hazardous reactions | None under normal processing |
| Hazardous polymerisation | Hazardous polymerisation does not occur |

10.4 Conditions to avoid

Extremes of temperature and direct sunlight

10.5 Incompatible Materials

Strong acids, alkaline, Oxidizing agents

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10.6 Hazardous decomposition products

Nitrogen oxides (NOx)

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 2020/878

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 |
| Diethylene glycol monobutyl ether | 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

Carcinogenicity

Not classifiable as a human carcinogen

Other toxic effects

Sensitisation

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

Mutagenic effects

Not expected to be mutagenic

Reproductive toxicity

No known effects under normal use conditions

Target organ effects

No known effect

Aspiration Hazard

Not applicable

11.2 Information on other hazards

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

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

EC50/72h/algae = >1000 mg/L

12.2 Persistence and degradability

No product level data available

12.3 Bioaccumulative potential

No product level data available

12.4 Mobility in soil

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No product level data available

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

12.7 Other adverse effects

No information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|------------------------------|---|
| Waste Disposal Method | Avoid runoff to waterways and sewers Dispose of in accordance with local regulations |
|------------------------------|---|

| | |
|-------------------------------|----------|
| EWC Waste Disposal No. | 16 10 02 |
|-------------------------------|----------|

SECTION 14. TRANSPORT INFORMATION

14.1 UN/ID No

Not regulated

14.2 Proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not classified

14.4 Packing Group

Not applicable

14.5 Environmental hazards

Presents little or no hazard to the environment

14.6 Special precautions for users

No special precautions are needed in handling this material

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15. REGULATORY INFORMATION

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

According to present data no classification and labelling is required according to Regulation (EC) No 2020/878.

15.2 Chemical Safety Assessment

A chemical safety assessment according to regulation (EC) No. 1907/2006 is not required

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

Additional advice

EU Country Specific Exposure Limits

| Chemical Name | The United Kingdom | Ireland | France | Germany | The Netherlands |
|-----------------------------------|---|---|---|--|---|
| Glycerin | STEL 30 mg/m ³ TWA 10 mg/m ³ | | TWA 10 mg/m ³ | AGW 200 mg/m ³ | |
| Diethylene glycol monobutyl ether | STEL 15 ppm STEL 101.2 mg/m ³ TWA 10 ppm TWA 67.5 mg/m ³ | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | TWA 10 ppm TWA 68 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | AGW 10 ppm AGW 67 mg/m ³ | Huid* STEL 100 mg/m ³ TWA 50 mg/m ³ |
| Triethanolamine | | TWA 5 mg/m ³ STEL 15 mg/m ³ | | AGW 1 mg/m ³ | |

| Chemical Name | Belgium | Switzerland | Austria | Hungary | Czech Republic |
|-----------------------------------|---|---|---|--|---|
| Glycerin | TWA 10 mg/m ³ | SS-C** TWA 50 mg/m ³ STEL 100 mg/m ³ | | | TWA 10 mg/m ³ Ceiling 15 mg/m ³ |
| Diethylene glycol monobutyl ether | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | SS-C** TWA 10 ppm TWA 67 mg/m ³ STEL 15 ppm STEL 101 mg/m ³ | STEL 15 ppm STEL 101.2 mg/m ³ TWA 10 ppm TWA 67.5 mg/m ³ | STEL 101.2mg/m ³ TWA 67.5mg/m ³ | TWA 100 mg/m ³ Ceiling 100 mg/m ³ |
| Triethanolamine | TWA 5 mg/m ³ | SS-C** TWA 5 mg/m ³ STEL 5 mg/m ³ | S** STEL 1.6 ppm STEL 10 mg/m ³ | | TWA 5 mg/m ³ Ceiling 10 mg/m ³ S* |

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| Chemical Name | Belgium | Switzerland | Austria | Hungary | Czech Republic |
|---------------|---------|-------------|--|---------|----------------|
| | | | TWA 0.8 ppm TWA 5 mg/m ³ | | |

| Chemical Name | Spain | Portugal | Italy | Greece | Romania |
|-----------------------------------|---|---|---|---|---|
| Glycerin | TWA 10 mg/m ³ | TWA 10 mg/m ³ | | TWA 10 mg/m ³ | |
| Diethylene glycol monobutyl ether | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | TWA 10 ppm TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³ | STEL 15 ppm STEL 101.2 mg/m ³ TWA 67.5 mg/m ³ TWA 10 ppm |
| Triethanolamine | TWA 5 mg/m ³ | TWA 5 mg/m ³ | | | |

| Chemical Name | Poland | Denmark | Sweden | Finland | Norway |
|-----------------------------------|--|--|---|--|---|
| Glycerin | TWA 10 mg/m ³ | | | TWA 20 mg/m ³ | |
| Diethylene glycol monobutyl ether | TWA 67 mg/m ³ STEL 100 mg/m ³ | TWA 10 ppm TWA 68 mg/m ³ | TLV 10 ppm TLV 68 mg/m ³ Binding STEL 15 ppm Binding STEL 101 mg/m ³ | TWA 10 ppm TWA 68 mg/m ³ | TWA 10 ppm TWA 68 mg/m ³ STEL 15 ppm STEL 102 mg/m ³ |
| Triethanolamine | | TWA 0.5 ppm TWA 3.1 mg/m ³ | TLV 5 mg/m ³ TLV 0.8 ppm Indicative STEL 10 mg/m ³ Indicative STEL 1.6 ppm A* | TWA 5 mg/m ³ | TWA 5 mg/m ³ STEL 10 mg/m ³ |

This safety data sheet complies with the requirements of Regulation (EC) No. 2020/878 as amended.

Disclaimer

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