

Safety Data Sheet

according to the Globally Harmonised System

SDS # : D-40024

Cleaning Fluid

Issuing Date 2016-10-06

Revision Date 2020-04-27

Version 4.01

Active

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

1.1 Product Identifier

Product Name **Cleaning Fluid** for Xerox Products
Part no. 042N00157

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

Recommended Use Ink jet printing

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

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

1.4 Emergency telephone

Not applicable

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 1272/2008

2.2 Label elements

Symbol(s)	None required
Signal Word	None required
Hazard Statements	None required
Precautionary Statements	None required

2.3 Other hazards

Repeated contact may cause allergic reactions in very susceptible persons

SDS # : D-40024

Cleaning Fluid

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements
Water	>50	7732-18-5	231-791-2	--	--
Glycerin	20-30	56-81-5	200-289-5	--	--
Diethylene glycol	10-20	111-46-6	203-872-2	Acute Tox. 4	H302
Diethylene glycol monobutyl ether	3-5	112-34-5	203-961-6	Eye Irrit. 2	H319
1,2-Benzisothiazolin-3-one	<0.05	2634-33-5	220-120-9	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400

Full text of H- statements: see section 16

Note

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

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 irritation persists
Skin contact	Rinse skin with water/shower, Get medical attention if irritation develops and persists
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing, If symptoms persist, call a doctor
Ingestion	Rinse mouth, If swallowed, call a poison control centre or doctor immediately

4.2 Most important symptoms and effects, both acute and delayed

Acute toxicity	
Eyes	May cause slight irritation
Skin	May cause sensitisation of susceptible persons
Inhalation	No information available
Ingestion	No information available
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	Contains a chemical that can cause an allergic reaction in susceptible people
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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water spray or fog, Foam, Carbon dioxide (CO ₂)
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire

SDS # : D-40024

Cleaning Fluid

5.2 Special hazards arising from the substance or mixture

No information available

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.

Other information

Flash point No information available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes, Use personal protective equipment, Ensure adequate ventilation, For personal protection see section 8

6.2 Environmental precautions

No special environmental precautions required

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, Pick up and transfer to properly labelled containers

6.4 Reference to other sections

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

When using, do not eat, drink or smoke, For personal protection see section 8

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry and cool place, Protect from sunlight and store in well-ventilated place

7.3 Specific end uses

Ink jet printing

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	TWA: 10 ppm	TWA 10 ppm

SDS #: D-40024

Cleaning Fluid

ether		TWA 67.5 mg/m ³ STEL 15 ppm STEL 101.2 mg/m ³
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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 Protective gloves.
Skin and body protection No special protective equipment required
Respiratory protection No special protective equipment required.

Environmental Exposure Controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aqueous solution	Odour	Slight
Physical state	Liquid	Colour	Colourless
pH	7-9		
Flash point	No information available		
Melting / Freezing Point	Not applicable		
Boiling point/boiling range	No information available		
Evaporation rate	No information available		
Flammability	Not flammable		
Flammability Limits in Air	No information available		
Explosive Limits	No data available		
Vapour pressure	No information available		
Vapour density	No information available		
Specific gravity	1.1		
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	Not determined		
Viscosity	2-4 mPa.s		
Explosive properties	Not explosive		
Oxidising properties	Not applicable		

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

SDS # : D-40024

Cleaning Fluid

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

No information available

10.6 Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product Information No acute toxicity information is available for this product.

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	12565 mg/kg (Rat)	11890 mg/kg (Rabbit)	4600 mg/m ³ (Rat) 4 h
Diethylene glycol monobutyl ether	5660 mg/kg (Rat)	2700 mg/kg (Rabbit)	
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

Target organ effects No information available

Aspiration Hazard Not applicable

11.2 Information on other hazards

Endocrine disrupting properties No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

SDS # : D-40024

Cleaning Fluid

On available data, the mixture / preparation is not harmful to aquatic life

12.2 Persistence and degradability

Not readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

Presents little or no hazard to the environment

12.7 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste Disposal Method No special precautions are needed in handling this material

EWC Waste Disposal No. 08 03 08

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

SDS # : D-40024

Cleaning Fluid

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 Transport in bulk according to MARPOL 73/78 and the IBC Code

Not applicable

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 1272/2008

15.2 Chemical Safety Assessment

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

16. OTHER INFORMATION

Issuing Date 2016-10-06
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Revision Note Address for some geographies updated

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

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	STEL 69 ppm STEL 303 mg/m ³ TWA 23 ppm TWA 101 mg/m ³	TWA 23 ppm TWA 100 mg/m ³ STEL 69 ppm STEL 300 mg/m ³		AGW 10 ppm AGW 44 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

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

SDS #: D-40024

Cleaning Fluid

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Diethylene glycol		SS-C** TWA 10 ppm TWA 44 mg/m ³ STEL 40 ppm STEL 176 mg/m ³	STEL 40 ppm STEL 176 mg/m ³ TWA 10 ppm TWA 44 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

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					STEL 184 ppm STEL 800 mg/m ³ TWA 115 ppm TWA 500 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

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerin	TWA 10 mg/m ³			TWA 20 mg/m ³	
Diethylene glycol	TWA 10 mg/m ³	TWA 2.5 ppm TWA 11 mg/m ³	TLV 10 ppm TLV 45 mg/m ³ Indicative STEL 20 ppm Indicative STEL 90 mg/m ³ A*		
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

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008 as amended.

Disclaimer

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