

# 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 Ltd.  
 Building 4  
 Uxbridge Business Park  
 Sanderson Road  
 Uxbridge  
 Middlesex. UB8 1DH  
 UK

#### For further information, please contact

**Contact person** Manager, Environment, Health, Safety  
 & Sustainability  
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**E-mail address** ehs-europe@xerox.com

**For the most current document** <https://safetysheets.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

<b>Symbol(s)</b>	None required
<b>Signal Word</b>	None required
<b>Hazard Statements</b>	None required
<b>Precautionary Statements</b>	None required

#### 2.3 Other hazards

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Repeated contact may cause allergic reactions in very susceptible persons

## 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

<b>General advice</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids, Get medical attention immediately if irritation persists
<b>Skin contact</b>	Rinse skin with water/shower, Get medical attention if irritation develops and persists
<b>Inhalation</b>	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing, If symptoms persist, call a doctor
<b>Ingestion</b>	Rinse mouth, If swallowed, call a poison control centre or doctor immediately

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Acute toxicity</b>	
<b>Eyes</b>	May cause slight irritation
<b>Skin</b>	May cause sensitisation of susceptible persons
<b>Inhalation</b>	No information available
<b>Ingestion</b>	No information available
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons

### 4.3 Indication of immediate medical attention and special treatment needed

<b>Notes to physician</b>	Contains a chemical that can cause an allergic reaction in susceptible people
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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Water spray or fog, Foam, Carbon dioxide (CO <sub>2</sub> )
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**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

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

<b>Methods for containment</b>	Prevent entry into waterways, sewers, basements or confined areas
<b>Methods for cleaning up</b>	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

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Chemical Name	ACGIH TLV	European Union
Diethylene glycol monobutyl ether	TWA: 10 ppm	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>

## 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

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

### 9.2 Other information

None

## 10. STABILITY AND REACTIVITY

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## 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

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 <sup>3</sup> ( Rat ) 1 h
Diethylene glycol	12565 mg/kg ( Rat )	11890 mg/kg ( Rabbit )	4600 mg/m <sup>3</sup> ( 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

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### 12.1 Toxicity

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

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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  
**Revision Date** 2020-04-27  
**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 <sup>3</sup> TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	AGW 200 mg/m <sup>3</sup>	
Diethylene glycol	STEL 69 ppm STEL 303 mg/m <sup>3</sup> TWA 23 ppm TWA 101 mg/m <sup>3</sup>	TWA 23 ppm TWA 100 mg/m <sup>3</sup> STEL 69 ppm STEL 300 mg/m <sup>3</sup>		AGW 10 ppm AGW 44 mg/m <sup>3</sup>	
Diethylene glycol monobutyl ether	STEL 15 ppm STEL 101.2 mg/m <sup>3</sup> TWA 10 ppm TWA 67.5 mg/m <sup>3</sup>	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	TWA 10 ppm TWA 68 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	AGW 10 ppm AGW 67 mg/m <sup>3</sup>	Huid* STEL 100 mg/m <sup>3</sup> TWA 50 mg/m <sup>3</sup>

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerin	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 50 mg/m <sup>3</sup>			TWA 10 mg/m <sup>3</sup> Ceiling 15 mg/m <sup>3</sup>

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Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
		STEL 100 mg/m <sup>3</sup>			
Diethylene glycol		SS-C** TWA 10 ppm TWA 44 mg/m <sup>3</sup> STEL 40 ppm STEL 176 mg/m <sup>3</sup>	STEL 40 ppm STEL 176 mg/m <sup>3</sup> TWA 10 ppm TWA 44 mg/m <sup>3</sup>		
Diethylene glycol monobutyl ether	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	SS-C** TWA 10 ppm TWA 67 mg/m <sup>3</sup> STEL 15 ppm STEL 101 mg/m <sup>3</sup>	STEL 15 ppm STEL 101.2 mg/m <sup>3</sup> TWA 10 ppm TWA 67.5 mg/m <sup>3</sup>	STEL 101.2mg/m <sup>3</sup> TWA 67.5mg/m <sup>3</sup>	TWA 100 mg/m <sup>3</sup> Ceiling 100 mg/m <sup>3</sup>

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Glycerin	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Diethylene glycol					STEL 184 ppm STEL 800 mg/m <sup>3</sup> TWA 115 ppm TWA 500 mg/m <sup>3</sup>
Diethylene glycol monobutyl ether	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	TWA 10 ppm TWA 67.5 mg/m <sup>3</sup> STEL 15 ppm STEL 101.2 mg/m <sup>3</sup>	STEL 15 ppm STEL 101.2 mg/m <sup>3</sup> TWA 67.5 mg/m <sup>3</sup> TWA 10 ppm

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerin	TWA 10 mg/m <sup>3</sup>			TWA 20 mg/m <sup>3</sup>	
Diethylene glycol	TWA 10 mg/m <sup>3</sup>	TWA 2.5 ppm TWA 11 mg/m <sup>3</sup>	TLV 10 ppm TLV 45 mg/m <sup>3</sup> Indicative STEL 20 ppm Indicative STEL 90 mg/m <sup>3</sup> A*		
Diethylene glycol monobutyl ether	TWA 67 mg/m <sup>3</sup> STEL 100 mg/m <sup>3</sup>	TWA 10 ppm TWA 68 mg/m <sup>3</sup>	TLV 10 ppm TLV 68 mg/m <sup>3</sup> Binding STEL 15 ppm Binding STEL 101 mg/m <sup>3</sup>	TWA 10 ppm TWA 68 mg/m <sup>3</sup>	TWA 10 ppm TWA 68 mg/m <sup>3</sup> STEL 15 ppm STEL 102 mg/m <sup>3</sup>

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

### Disclaimer

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