

# Safety Data Sheet

according to the Globally Harmonised System

SDS # : D-40038

## Cleaning Solution

Issuing Date 2020-09-10

Revision Date 2020-09-11

Version 1.01

**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.** 042K04800

#### 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  
**Phone** ++44 (0)1707 353434  
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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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Contains a chemical that can cause an allergic reaction in susceptible people

## 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	--	--
Glycerol	10-20	56-81-5	200-289-5	--	--
Propylene glycol	10-20	57-55-6	200-338-0	--	--
Organic solvent	1-<10	Proprietary	Listed	Eye Irrit. 2	H319
Triethylene glycol	1-5	112-27-6	203-953-2	--	--
Triethanolamine	<1	102-71-6	203-049-8	--	--
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 immediately with plenty of water, also under the eyelids, for at least 15 minutes, Get medical attention if irritation develops and persists
<b>Skin contact</b>	Rinse skin with water/shower, Get medical attention if irritation develops and persists
<b>Inhalation</b>	Move to fresh air, 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>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
<b>Inhalation</b>	No known effect based on information supplied
<b>Ingestion</b>	No information available
<b>Chronic effects</b>	
<b>Chronic toxicity</b>	No known effects under normal use conditions

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

<b>Notes to physician</b>	Treat symptomatically
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## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical, 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

**Hazardous combustion products** Thermal decomposition can lead to release of irritating gases and vapours

## 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

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**Exposure Limits**

For country specific exposure limits see Section 16

Chemical Name	ACGIH TLV	European Union
Triethanolamine	TWA: 5 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**

**Environmental Exposure Controls**

Prevent product from entering drains

**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>			
<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>	2-5 mPa.s		
<b>Explosive properties</b>	Not explosive		
<b>Oxidising properties</b>	Not applicable		

**9.2 Other information**

None

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## 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

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
Glycerol	12600 mg/kg ( Rat )	10 g/kg ( Rabbit )	570 mg/m <sup>3</sup> ( Rat ) 1 h
Propylene glycol	20 g/kg ( Rat )	20800 mg/kg ( Rabbit )	
Triethylene glycol	17 g/kg ( Rat )	20 mL/kg ( Rabbit )	3.9 mg/L ( Rat ) 4 h
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** Contains no ingredient listed as a 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

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

## 12. ECOLOGICAL INFORMATION

### 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

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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 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** 2020-09-10  
**Revision Date** 2020-09-11  
**Revision Note** Initial Release

### 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
Glycerol	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>	
Propylene glycol	STEL 450 ppm STEL 1422 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> TWA 150 ppm TWA 474 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup> TWA 150 ppm TWA 470 mg/m <sup>3</sup> STEL 1410 mg/m <sup>3</sup> STEL 30 mg/m <sup>3</sup> STEL 450 ppm			
Triethylene glycol				AGW 1000 mg/m <sup>3</sup>	
Triethanolamine		TWA 5 mg/m <sup>3</sup>		AGW 1 mg/m <sup>3</sup>	

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Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
		STEL 15 mg/m <sup>3</sup>			

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Glycerol	TWA 10 mg/m <sup>3</sup>	SS-C** TWA 50 mg/m <sup>3</sup> STEL 100 mg/m <sup>3</sup>			TWA 10 mg/m <sup>3</sup> Ceiling 15 mg/m <sup>3</sup>
Triethylene glycol		SS-B** TWA 1000 mg/m <sup>3</sup> STEL 2000 mg/m <sup>3</sup>			
Triethanolamine	TWA 5 mg/m <sup>3</sup>	SS-C** TWA 5 mg/m <sup>3</sup> STEL 5 mg/m <sup>3</sup>	S** STEL 1.6 ppm STEL 10 mg/m <sup>3</sup> TWA 0.8 ppm TWA 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> Ceiling 10 mg/m <sup>3</sup> S*

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Glycerol	TWA 10 mg/m <sup>3</sup>	TWA 10 mg/m <sup>3</sup>		TWA 10 mg/m <sup>3</sup>	
Triethylene glycol					STEL 163 ppm STEL 1000 mg/m <sup>3</sup> TWA 114 ppm TWA 700 mg/m <sup>3</sup>
Triethanolamine	TWA 5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup>			

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Glycerol	TWA 10 mg/m <sup>3</sup>			TWA 20 mg/m <sup>3</sup>	
Propylene glycol	TWA 100 mg/m <sup>3</sup>				TWA 25 ppm TWA 79 mg/m <sup>3</sup> STEL 37.5 ppm STEL 118.5 mg/m <sup>3</sup>
Triethanolamine		TWA 0.5 ppm TWA 3.1 mg/m <sup>3</sup>	TLV 5 mg/m <sup>3</sup> TLV 0.8 ppm Indicative STEL 10 mg/m <sup>3</sup> Indicative STEL 1.6 ppm A*	TWA 5 mg/m <sup>3</sup>	TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>

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

### Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.