

Safety Data Sheet

according to the Global Harmonised System

SDS # : D-40010

Xerox Aqueous Flushing Fluid

Issuing Date 2014-12-08

Revision Date 2019-02-04

Version 2.01

Active

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

1.1 Product Identifier

Product Name Xerox Aqueous Flushing Fluid for Xerox Products
Part no. 008R13206.502S11633, A0003508

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

Recommended Use Printing

1.3 Details of the supplier of the safety data sheet

Supplier Xerox Ltd.
 Xerox Environment, Health, Safety & Sustainability
 Monroe House
 Works Road
 Letchworth
 Herts. SG61LN
 UK

For further information, please contact

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E-mail address ehs-europe@xerox.com

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
Hazard Statements	None required
Precautionary Statements	None required

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2.3 Other hazards

No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	Weight %	CAS No.	EC-No	Classification (Reg. 1272/2008)	Hazard Statements
Water	>95	7732-18-5	231-791-2	--	--
Additives	<5	Proprietary	Listed	--	--
Triethanolamine	<1	102-71-6	203-049-8	--	--

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 immediately with plenty of water, also under the eyelids, for at least 15 minutes, If symptoms persist, call a doctor
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes, If symptoms persist, call a doctor
Inhalation	Call a doctor immediately, Move to fresh air in case of accidental inhalation of vapours, If breathing is irregular or stopped, administer artificial respiration, None under normal use, Get medical attention immediately if symptoms occur
Ingestion	Do NOT induce vomiting, Never give anything by mouth to an unconscious person, Call a physician or poison control centre immediately, Drink 1 or 2 glasses of water

4.2 Most important symptoms and effects, both acute and delayed

Acute toxicity

Eyes	Avoid contact with eyes, Contact with eyes may cause irritation
Skin	May cause irritation, Avoid contact with skin
Inhalation	May cause irritation of respiratory tract, Avoid breathing vapours or mists
Ingestion	May be harmful if swallowed, Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea, Do not taste or swallow

Chronic effects

Chronic toxicity	No known effects under normal use conditions
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4.3 Indication of immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically
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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂), Dry chemical, Alcohol-resistant foam

Unsuitable extinguishing media None

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5.2 Special hazards arising from the substance or mixture

Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit.
Wear self-contained breathing apparatus and protective suit.

Other information

Flash point	> 100 °C
Method	Closed cup

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, For prolonged or repeated contact use protective gloves

6.2 Environmental precautions

No special environmental precautions required

6.3 Methods and material for containment and cleaning up

Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal, Prevent further leakage or spillage if safe to do so
Methods for cleaning up	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal, Keep in suitable, closed containers for disposal

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

Avoid contact with skin, eyes and clothing, Avoid breathing vapours or mists, Ensure adequate ventilation

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place

7.3 Specific end uses

Flushing fluid

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 ³	

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas, Showers, Eyewash stations

Individual protection measures, such as personal protective equipment (PPE)
Eye/face protection

If splashes are likely to occur, wear: Tightly fitting safety goggles, Safety glasses with side-shields

Hand protection

None under normal use conditions.

Skin and body protection

None under normal use conditions.

Respiratory protection

None under normal use conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Aqueous solution	Odour	Acrylic
Physical state	Liquid	Colour	Clear
pH	8-10		
Flash point	> 100 °C	Method	Closed cup
Boiling point/boiling range	No information available		
Evaporation rate	No information available		
Flammability Limits in Air	No information available		
Explosive Limits	No data available		
Vapour pressure	No information available		
Vapour density	Heavier than air		
Specific gravity	1.0-1.1		
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	>200 °C		
Decomposition temperature	Not determined		
Viscosity	< 15 cps		
Explosive properties	Not explosive		
Oxidising properties	No information available		

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use

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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

Heat, flames and sparks, Take precautionary measures against static discharges

10.5 Incompatible Materials

Strong oxidising agents

10.6 Hazardous decomposition products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

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

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Triethanolamine	4190 mg/kg (Rat)	20 mL/kg (Rabbit) 16 mL/kg (Rat)	

Chronic toxicity

Carcinogenicity Not classifiable as a human carcinogen

Other toxic effects

Sensitisation	Not expected to be a sensitizer
Mutagenic effects	None known
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards
Target organ effects	No information available
Aspiration Hazard	Not applicable

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

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12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

Insoluble in water

12.5 Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

Presents little or no hazard to the environment

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

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

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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 2014-12-08
Revision Date 2019-02-04
Revision Note Address for some geographies updated

Additional advice

EU Country Specific Exposure Limits

Chemical Name	The United Kingdom	Ireland	France	Germany	The Netherlands
Triethanolamine		TWA 5 mg/m ³ STEL 15 mg/m ³			

Chemical Name	Belgium	Switzerland	Austria	Hungary	Czech Republic
Triethanolamine	TWA 5 mg/m ³	SS-C** TWA 5 mg/m ³ STEL 10 mg/m ³	S** STEL 1.6 ppm STEL 10 mg/m ³ TWA 0.8 ppm TWA 5 mg/m ³		TWA 5 mg/m ³ Ceiling 10 mg/m ³ S*

Chemical Name	Spain	Portugal	Italy	Greece	Romania
Triethanolamine	TWA 5 mg/m ³	TWA 5 mg/m ³			

Chemical Name	Poland	Denmark	Sweden	Finland	Norway
Triethanolamine		TWA 0.5 ppm TWA 3.1 mg/m ³	LLV 5 mg/m ³ LLV 0.8 ppm Indicative STLV 10 mg/m ³ Indicative STLV 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. 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.

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