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
Contact person  Manager, Environment, Health, Safety & Sustainability
Phone  ++44 (0)1707 353434
Fax  -
E-mail address  ehs-europe@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
2.3 Other hazards

No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
<th>CAS No.</th>
<th>EC-No</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>&gt;95</td>
<td>7732-18-5</td>
<td>231-791-2</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Additives</td>
<td>&lt;5</td>
<td>Proprietary</td>
<td>Listed</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>&lt;1</td>
<td>102-71-6</td>
<td>203-049-8</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Avoid contact with eyes, Contact with eyes may cause irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause irritation, Avoid contact with skin</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause irritation of respiratory tract, Avoid breathing vapours or mists</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed, Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea, Do not taste or swallow</td>
</tr>
</tbody>
</table>

**Chronic effects**

**Chronic toxicity**
No known effects under normal use conditions

4.3 Indication of immediate medical attention and special treatment needed

**Notes to physician**
Treat symptomatically

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

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

**Unsuitable extinguishing media**
None
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.

Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
</tr>
<tr>
<td>Method</td>
<td>Closed cup</td>
</tr>
</tbody>
</table>

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.

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**
Xerox Aqueous Flushing Fluid

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aqueous solution</td>
<td></td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>8-10</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapour density</td>
<td>Heavier than air</td>
<td></td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.0-1.1</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Soluble in water</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>&gt;200 °C</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>&lt; 15 cps</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
<td></td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

9.2 Other information
None

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

<table>
<thead>
<tr>
<th>Hazardous reactions</th>
<th>None under normal processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous polymerisation</td>
<td>Hazardous polymerisation does not occur</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>4190 mg/kg (Rat)</td>
<td>20 mL/kg (Rabbit)</td>
<td>16 mL/kg (Rat)</td>
</tr>
</tbody>
</table>

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
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
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>The United Kingdom</th>
<th>Ireland</th>
<th>France</th>
<th>Germany</th>
<th>The Netherlands</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 5 mg/m³</td>
<td>STEL 15 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Belgium</th>
<th>Switzerland</th>
<th>Austria</th>
<th>Hungary</th>
<th>Czech Republic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>TWA 5 mg/m³</td>
<td>SS-C**</td>
<td>S**</td>
<td></td>
<td>TWA 5 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA 5 mg/m³</td>
<td>STEL 10 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>STEL 1.6 ppm</td>
<td>STEL 10 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TWA 0.8 ppm</td>
<td>TWA 5 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Spain</th>
<th>Portugal</th>
<th>Italy</th>
<th>Greece</th>
<th>Romania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Poland</th>
<th>Denmark</th>
<th>Sweden</th>
<th>Finland</th>
<th>Norway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td></td>
<td>TWA 0.5 ppm</td>
<td>LLV 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
<td>TWA 5 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA 3.1 mg/m³</td>
<td>LLV 10 mg/m³</td>
<td>STEL 10 mg/m³</td>
<td>STEL 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Indicative STLV 10 mg/m³</td>
<td>Indicative STLV 1.6 ppm</td>
<td>Indicative STLV 1.6 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.