Safety Data Sheet

SDS # : D-40010
Xerox Aqueous Flushing Fluid

Issuing Date 2014-12-08  Revision Date 2019-02-04  Version 1.01
Active

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

Product Identifier

Product Name
Xerox Aqueous Flushing Fluid for Xerox Products

Part no. 008R13206,502S11633, A0003508

Color Clear
Pure substance/mixture Mixture

Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Printing

Details of the supplier of the safety data sheet
Distributor Xerox Corporation
Webster, NY 14580

For further information, please contact
Contact person Manager, Environment, Health, Safety & Sustainability
E-mail address askxerox@xerox.com
Emergency telephone Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

For the most current document https://safetysheets.business.xerox.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
Not classified

Label elements

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

Other hazards
No hazard expected under normal conditions of use

3. COMPOSITION/INFORMATION ON INGREDIENTS
Mixtures

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

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

4. FIRST AID MEASURES

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 physician

Skin contact
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes, if symptoms persist, call a physician

Inhalation
Call a physician immediately, Move to fresh air in case of accidental inhalation of vapors, 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 Center immediately, Drink 1 or 2 glasses of water

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 vapors or mists

Ingestion
May be harmful if swallowed, Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea, Do not taste or swallow

Indication of immediate medical attention and special treatment needed

Protection of first-aiders
No special protective equipment required

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

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

Unsuitable extinguishing media
None

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

Advice for firefighters

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

**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.

**Environmental precautions**
No special environmental precautions required.

**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.

**Reference to other sections**
See section 12 for additional ecological information.
See Section 13 for additional information.

7. HANDLING AND STORAGE

**Precautions for safe handling**
Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Ensure adequate ventilation.

**Conditions for safe storage, including any incompatibilities**
- **Technical measures and storage**: Keep container tightly closed in a dry and well-ventilated place.
- **Incompatible products**: Strong oxidizing agents.

**Specific end uses**
Flush fluid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>TWA: 5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**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
Information on basic physical and chemical properties

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

Other information
None

10. STABILITY AND REACTIVITY

Reactivity
No dangerous reaction known under conditions of normal use

Chemical stability
Stable under normal conditions.

Possibility of hazardous reactions
- Hazardous reactions: None under normal processing
- Hazardous polymerization: Hazardous polymerization does not occur

Conditions to avoid
Heat, flames and sparks. Take precautionary measures against static discharges

Incompatible Materials
Strong oxidizing agents

Hazardous decomposition products
Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

Component Information

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

**Chronic toxicity**

- **Sensitization**: Not expected to be a sensitizer
- **Neurological effects**: No information available
- **Target organ effects**: No information available

**CMR Effects**

- **Mutagenic effects**: None known
- **Reproductive toxicity**: This product does not contain any known or suspected reproductive hazards
- **Carcinogenicity**: Contains no ingredient listed as a carcinogen

**Other toxic effects**

- **Aspiration Hazard**: Not applicable

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**12. ECOLOGICAL INFORMATION**

**Toxicity**

- **Acute Aquatic Toxicity**: On available data, substance is not harmful to aquatic life.
- **Chronic Aquatic Toxicity**: On available data, substance is not harmful to aquatic life.

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>216 mg/L EC50 72 h (Desmodesmus subspicatus) 169 mg/L EC50 96 h (Desmodesmus subspicatus)</td>
<td>LC50 10600 - 13000 mg/L Pimephales promelas 96 h LC50&gt; 1000 mg/L Pimephales promelas 96 h LC50 450 - 1000 mg/L Lepomis macrochirus 96 h</td>
<td></td>
<td>EC50 = 1386 mg/L 24 h</td>
</tr>
</tbody>
</table>

**Persistence and degradability**

- Not readily biodegradable

**Bioaccumulative potential**

- Bioaccumulation is unlikely

**Mobility in soil**

- Insoluble in water

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>-2.53</td>
</tr>
</tbody>
</table>

**Other adverse effects**

- Presents little or no hazard to the environment

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**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated packaging**

- No special precautions are needed in handling this material
14. TRANSPORT INFORMATION

This material is not subject to regulation as a hazardous material for shipping.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Regulatory Status
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Canada
This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR), and the SDS contains all the information required by the HPR.

International Inventories
TSCA Complies
DSL/NDSL Complies

U.S. Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>HAPS data</th>
<th>VOC Chemicals</th>
<th>Class 1 Ozone Depletors</th>
<th>Class 2 Ozone Depletors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>&lt;1</td>
<td></td>
<td></td>
<td>Group I</td>
<td></td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations
California Proposition 65
This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations
This product is subject to U.S. State Right-to-know regulations as noted below.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Issuing Date 2014-12-08
Revision Date 2019-02-04
Revision Note Address for some geographies updated
Disclaimer
The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.