Safety Data Sheet

SDS # : D-40029

Xerox Aqueous Flushing Fluid

Issuing Date 2017-09-28
Revision Date 2018-10-24
Version 2

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.
070E01710

Color
Transparent

Pure substance/mixture
Mixture

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

Recommended Use
Flushing fluid

Details of the supplier of the safety data sheet

Supplier
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 (Chemetrec) (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 required

Hazard Statements
None required

Precautionary Statements
None required

Other hazards
Contains a chemical that can cause an allergic reaction in susceptible people

3. COMPOSITION/INFORMATION ON INGREDIENTS
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**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists, consult a specialist.

**Skin contact**
Wash off with warm water and soap. Get medical attention if irritation develops and persists.

**Inhalation**
Move to fresh air. Get medical attention immediately if symptoms occur.

**Ingestion**
Do NOT induce vomiting. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Eyes</th>
<th>May cause slight irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No known effect</td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td>No known effect</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td>No known effect</td>
<td></td>
</tr>
</tbody>
</table>

**Indication of immediate medical attention and special treatment needed**

| Protection of first-aiders | No special protective equipment required |
| Notes to physician | Contains a chemical that can cause an allergic reaction in susceptible people |

5. FIRE-FIGHTING MEASURES

**Extinguishing media**

| Suitable extinguishing media | Carbon dioxide (CO₂), Dry chemical, Alcohol-resistant foam |
| Unsuitable extinguishing media | Do not use a solid water stream as it may scatter and spread fire |

**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 fire-fighters**
Wear self-contained breathing apparatus and protective suit

**Other information**

| Flash point | > 94 °C |

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation, Avoid contact with skin, eyes and inhalation of vapors

Environmental precautions
No special environmental precautions required

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 labeled containers

Reference to other sections
Do not dispose of waste into sewer

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling Avoid contact with skin, eyes and clothing, Avoid breathing vapors or mists, Ensure adequate ventilation, Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities
Technical measures and storage Keep container tightly closed in a dry and well-ventilated place, Keep out of the reach of children
Incompatible products None known based on information supplied

Specific end uses
Flushing fluid

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humectant</td>
<td></td>
<td>TWA: 15 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 5 mg/m³</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: Goggles
Hand protection Protective gloves
Skin and body protection No special protective equipment required
Respiratory protection No special protective equipment required.

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>Transparent</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>pH</td>
<td>9-9.5</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 94 °C</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>No information available</td>
</tr>
</tbody>
</table>
Softening point: No information available
Evaporation rate: No information available
Flammability Limits in Air: No information available
Vapor pressure: No information available
Vapor density: No information available
Specific gravity: No information available
Density: 1.025 g/cm³
Water solubility: Completely soluble
Partition coefficient: No information available
Autoignition temperature: No information available
Decomposition temperature: Not determined
Viscosity: No information available
Explosive properties: Not explosive
Oxidizing properties: Not applicable
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:
- extreme heat, acids, bases, and oxidizing agents, Do not freeze
Incompatible Materials: None known based on information supplied
Hazardous decomposition products:
- Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot

11. TOXICOLOGICAL INFORMATION

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>Humectant</td>
<td>12600 mg/kg (Rat)</td>
<td>10 g/kg (Rabbit)</td>
<td>570 mg/m³ (Rat) 1 h</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>1020 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Chronic toxicity
Sensitization: Contains a chemical that can cause an allergic reaction in susceptible people
Neurological Effects: No information available
Target organ effects: No information available

CMR Effects:
- Mutagenic effects: No information available
- Reproductive toxicity: No information available
- Carcinogenicity: Contains no ingredient listed as a carcinogen

Other toxic effects:
- Aspiration Hazard: Not applicable

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>Humectant</td>
<td>LC50 51 - 57 mL/L</td>
<td>Oncorhynchus mykiss 96 h</td>
<td>EC50 &gt; 500 mg/L 24 h</td>
<td></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>Humectant</td>
<td>-1.76</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>1.3</td>
</tr>
</tbody>
</table>

Other adverse effects: Presents little or no hazard to the environment

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

California Waste Status:
This product does not contain any substances listed with the State of California as a hazardous waste.

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 Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

International Inventories

<table>
<thead>
<tr>
<th>International Inventory</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
</tbody>
</table>

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>Humectant</td>
<td></td>
<td>40-60</td>
<td></td>
<td></td>
<td>Group II</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>Humectant</td>
<td></td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Issuing Date 2017-09-28
Revision Date 2018-10-24
Revision Note Modified Trade name
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
H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life
H402 - Harmful to aquatic life
H412 - Harmful to aquatic life with long lasting effects

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.