

Safety Data Sheet

SDS # : D-40038

Cleaning Solution

Issuing Date 2020-09-10

Revision Date 2020-09-11

Version 1

Active

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

Product Identifier

Product Name
 Cleaning Fluid for Xerox Products

Part no. 042K04800

Color Colorless
Pure substance/mixture Mixture

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

Recommended Use Ink jet printing

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
Phone
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 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

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Water	7732-18-5	60-80	--	--
Glycerol	56-81-5	10-20	--	--
Propylene glycol	57-55-6	10-20	--	--
Organic solvent	Proprietary	1-<10	Eye Irrit. 2	H319
Triethylene glycol	112-27-6	1-5	--	--
Triethanolamine	102-71-6	<1	--	--
1,2-Benzisothiazolin-3-one	2634-33-5	<0.05	Acute Tox. 4 Skin Irrit. 2 Eye Dam. 1 Skin Sens. 1 Aquatic Acute 1	H302 H315 H318 H317 H400

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

Full text of H- statements: see section 16

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, Get medical attention if irritation develops and persists
- Skin contact** Rinse skin with water/shower, Get medical attention if irritation develops and persists
- Inhalation** Move to fresh air, If symptoms persist, call a physician
- Ingestion** Rinse mouth, If swallowed, call a poison control center or doctor immediately

Most important symptoms and effects, both acute and delayed

- Acute toxicity**
- Eyes** May cause slight irritation
- Skin** Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
- Inhalation** No known effect based on information supplied
- Ingestion** No information available

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** Dry chemical, Foam, Carbon dioxide (CO₂)
- 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

No information available

Hazardous combustion products

Thermal decomposition can lead to release of irritating gases and vapors

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

Flash point No information available

6. ACCIDENTAL RELEASE MEASURES

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

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

See section 12 for additional ecological information
 See Section 13 for additional information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling When using, do not eat, drink or smoke, For personal protection see section 8

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
 Keep tightly closed in a dry and cool place, Protect from sunlight and store in well-ventilated place

Incompatible products No information available

Specific end uses

Ink jet printing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL
Glycerol		TWA: 15 mg/m ³ TWA: 5 mg/m ³
Triethanolamine	TWA: 5 mg/m ³	

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

Information on basic physical and chemical properties

Appearance	Aqueous solution	Odor	Slight
Physical state	Liquid	Odor threshold	No information available
Color	Colorless	pH	7-9
Flash point	No information available		
Melting / Freezing Point	Not applicable		
Boiling point/range	No information available		
Softening point			
Evaporation rate	No information available		
Flammability Limits in Air	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity			
Water solubility	Soluble in water		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	Not determined		
Viscosity	2-5 mPa.s		
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

Extremes of temperature and direct sunlight

Incompatible Materials

No information available

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

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Glycerol	12600 mg/kg (Rat)	10 g/kg (Rabbit)	570 mg/m ³ (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

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

11.2 Information on other hazards

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

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

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Glycerol		LC50 51 - 57 mL/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
Propylene glycol	19000 mg/L EC50 96 h (Pseudokirchneriella subcapitata)	LC50= 51600 mg/L Oncorhynchus mykiss 96 h LC50 41 - 47 mL/L Oncorhynchus mykiss 96 h LC50= 51400 mg/L Pimephales promelas 96 h LC50= 710 mg/L Pimephales promelas 96 h		EC50 > 1000 mg/L 48 h EC50 > 10000 mg/L 24 h
Triethylene glycol		LC50 56200 - 63700 mg/L Pimephales promelas 96 h LC50= 10000 mg/L Lepomis macrochirus 96 h LC50= 61000 mg/L Lepomis macrochirus 96 h		EC50 = 42426 mg/L 48 h
Triethanolamine	216 mg/L EC50 72 h (Desmodesmus)	LC50 10600 - 13000 mg/L Pimephales promelas 96 h		EC50 = 1386 mg/L 24 h

	subspicatus) 169 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50> 1000 mg/L Pimephales promelas 96 h LC50 450 - 1000 mg/L Lepomis macrochirus 96 h	
--	---	---	--

Persistence and degradability

Not readily biodegradable

Bioaccumulative potential

Bioaccumulation is unlikely

Mobility in soil

Soluble in water

Component Information

Chemical Name	log Pow
Glycerol	-1.76
Triethylene glycol	-1.98
Triethanolamine	-2.53
1,2-Benzisothiazolin-3-one	1.3

Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)

Endocrine disrupting properties

Presents little or no hazard to the environment

Other adverse effects

No information available

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

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:

Chemical Name	CAS No.	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Glycerol	56-81-5	10-20		Group II		
Propylene glycol	57-55-6	10-20		Group I		
Triethylene glycol	112-27-6	1-5		Group I		
Triethanolamine	102-71-6	<1		Group I		

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.

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Water			X		
Glycerol	X	X	X		
Propylene glycol		X	X		
Triethylene glycol			X		
Triethanolamine	X	X	X		

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

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.
end