

# Safety Data Sheet

SDS #: D-0404

## Lens and Mirror Cleaner, Lens and Platen Cleaner, Cleaning Kit

Issuing Date 1983-03-18

Revision Date 2022-04-07

Version 1

**Active**

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

**Product Identifier**

**Product Name**

Lens and Mirror Cleaner for Xerox Products  
 Lens and Platen Cleaner  
 Cleaning Kit

**Part no.** 043H00012, 008R01025; Included in kits: 008R01169, 008R00582, 544P20204

**Color** White  
**Pure substance/mixture** Mixture

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

**Recommended Use** Cleaner / Solvent

**Details of the supplier of the safety data sheet**

**Manufactured by** 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**

This product contains no hazardous ingredients that meet the threshold for classification of the mixture.

**Label elements**

**GHS Label elements, including precautionary statements**

**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**

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Water	7732-18-5	>99	--	--
Sodium Lauryl Sulfate	151-21-3	<1	Skin Irrit. 2 Acute Tox. 4 (oral) Eye Dam. 1 STOT SE 3 (Resp.) Aquatic Chronic 3 Flam. Sol. 2 Acute Tox. 4 (inhal.)	H315 H302 H318 H335 H412 H228 H332
Titanium dioxide	13463-67-7	<1	Carc (Inhal) 2	H351

"--" 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** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes

**Skin contact** Wash skin with soap and water

**Inhalation** Move to fresh air

**Ingestion** Dilute stomach contents with several glasses of water

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

**Acute toxicity**

**Eyes** Contact with eyes may cause irritation

**Skin** None under normal use

**Inhalation** None under normal use

**Ingestion** None under normal use

**Chronic toxicity** None under normal use

**Main symptoms** May cause gastrointestinal discomfort if consumed in large amounts

**Aggravated Medical Conditions** None under normal use conditions

**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** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable extinguishing media** No information available

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**Special hazards arising from the substance or mixture**

**Hazardous combustion products**  
None known

**Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit

**Other information**

**Flammability** Not flammable. Will not readily ignite.  
**Flash point** Not applicable

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

None required

**Environmental precautions**

No special environmental precautions required

**Methods and material for containment and cleaning up**

**Methods for containment** Soak up with an absorbent material. Absorb liquid on vermiculite or other absorbent material  
**Methods for cleaning up** Soak up with inert absorbent material, Flush area with flooding quantities of water

**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  
**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice

**Conditions for safe storage, including any incompatibilities**

**Technical measures and storage conditions**  
Keep container tightly closed in a dry and well-ventilated place, Store in original container

**Incompatible products** None

**Specific end uses**

Cleaner / Solvent

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Limits**  
**Xerox Exposure Limit** None established

Chemical Name	ACGIH TLV	OSHA PEL
Titanium dioxide	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup>

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**Exposure controls**

**Engineering measures**                      Ensure adequate ventilation, especially in confined areas

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/Face protection**                      No special protective equipment required  
**Hand protection**                              No special protective equipment required  
**Skin and body protection**                      No special protective equipment required  
**Respiratory protection**                      No protective equipment is needed under normal use conditions.

**Environmental Exposure Controls**

**Environmental Exposure Controls**                      Keep out of drains, sewers, ditches and waterways

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Appearance</b>	No information available	<b>Odor</b>	Faint
<b>Physical state</b>	Liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	White	<b>pH</b>	6.0

<b>Flash point</b>	Not applicable
<b>Melting / Freezing Point</b>	Not applicable
<b>Boiling point/range</b>	97-99 °C
<b>Softening point</b>	Not applicable
<b>Evaporation rate</b>	5.1 (n-butylacetate=1)
<b>Volatility</b>	99.9% (Wt.) % (Vol.)
<b>Flammability</b>	Not flammable. Will not readily ignite.
<b>Flammability Limits in Air</b>	Not determined

<b>Vapor pressure</b>	22 mmHg @ 20 °C
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	~ 1
<b>Water solubility</b>	Completely soluble
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	No information available
<b>Explosive properties</b>	Not explosive
<b>Oxidizing properties</b>	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**  
None known.

**Incompatible Materials**  
None

**Hazardous decomposition products**  
None under normal use

**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
Sodium Lauryl Sulfate	1288 mg/kg ( Rat )	200 mg/kg ( Rabbit )	3900 mg/m <sup>3</sup> ( Rat ) 1 h
Titanium dioxide	10000 mg/kg ( Rat )		

**Chronic toxicity**  
**Sensitization** No information available  
**Neurological Effects** No information available  
**Target organ effects** No information available

**CMR Effects**  
**Mutagenic effects** Not determined  
**Reproductive toxicity** No information available  
**Carcinogenicity** See "Other Information" in this section.

Chemical Name	IARC
Titanium dioxide	2B

**Other information**

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". However, Xerox has concluded that the presence of titanium dioxide in this mixture does not present a health hazard. The IARC classification is based on studies in rats using high concentrations of pure, unbound TiO<sub>2</sub> particles of respirable size. Epidemiological studies do not suggest a carcinogenic effect in humans. In addition, the titanium dioxide in this mixture is encapsulated in a matrix or bound to the surface of the toner.

**Other toxic effects**  
**Aspiration Hazard** Not applicable

**Information on other hazards**  
**Endocrine disrupting properties** No information available

**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**

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Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sodium Lauryl Sulfate	53 mg/L EC50 72 h (Desmodesmus subspicatus) 30 - 100 mg/L EC50 96 h (Desmodesmus subspicatus) 117 mg/L EC50 96 h (Pseudokirchneriella subcapitata) 3.59 - 15.6 mg/L EC50 96 h (Pseudokirchneriella subcapitata)	LC50 4.2 - 4.8 mg/L Lepomis macrochirus 96 h LC50 8 - 12.5 mg/L Pimephales promelas 96 h LC50 15 - 18.9 mg/L Pimephales promelas 96 h LC50 22.1 - 22.8 mg/L Pimephales promelas 96 h LC50 4.3 - 8.5 mg/L Oncorhynchus mykiss 96 h LC50= 4.2 mg/L Oncorhynchus mykiss 96 h LC50= 4.5 mg/L Lepomis macrochirus 96 h LC50 10.2 - 22.5 mg/L Pimephales promelas 96 h LC50 6.2 - 9.6 mg/L Pimephales promelas 96 h LC50= 1.31 mg/L Cyprinus carpio 96 h LC50= 4.62 mg/L Oncorhynchus mykiss 96 h LC50 4.06 - 5.75 mg/L Lepomis macrochirus 96 h LC50 5.8 - 7.5 mg/L Pimephales promelas 96 h LC50 13.5 - 18.3 mg/L Poecilia reticulata 96 h LC50 10.8 - 16.6 mg/L Poecilia reticulata 96 h LC50= 7.97 mg/L Brachydanio rerio 96 h LC50 9.9 - 20.1 mg/L Brachydanio rerio 96 h		EC50 = 1.8 mg/L 48 h

**Persistence and degradability**

Taking into consideration the properties of several ingredients, the product is estimated to be biodegradable according to OECD classification

**Bioaccumulative potential**

Bioaccumulation is unlikely

**Mobility in soil**

Insoluble in water

**Component Information**

Chemical Name	log Pow
Sodium Lauryl Sulfate	1.6

**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**



Titanium dioxide	X	X	X		
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16. OTHER INFORMATION

**Issuing Date** 1983-03-18  
**Revision Date** 2022-04-07  
**Revision Note** Update to Format, Out-of-date for Canada

**Full text of H-Statements referred to under sections 2 and 3**

- H228 - Flammable solid
- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H318 - Causes serious eye damage
- H332 - Harmful if inhaled
- H335 - May cause respiratory irritation
- H351 - Suspected of causing cancer if inhaled
- 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.

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