

Safety Data Sheet

SDS #: D-0404

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

Issuing Date 1983-03-18

Revision Date 2015-05-18

Version 2

Active

1. Product and Company Identification

Trade 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/preparation Preparation

Identified uses Cleaner / Solvent

Manufactured by Xerox Corporation
 Rochester, NY 14644

Emergency telephone Safety Information US: (800) 275-9376
 Chemical Emergency only (Chemtrec) (800) 424-9300

2. Hazards Identification

Emergency Overview

The product contains no substances which, in the form utilized and at their given concentrations, are considered to be hazardous to health.

Color	Appearance	Physical state	Odor
White	No information available	Liquid	Faint

Classification of the substance or mixture

Consumers Not classified

GHS Label elements, including precautionary statements

Signal Word None

Hazard Statements None required

Precautionary Statements None required

Other hazards which do not result in classification

Potential Health Effects

Principle Routes of Exposure	Ingestion
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 effects	
Main symptoms	May cause gastrointestinal discomfort if consumed in large amounts
Aggravated medical conditions	None under normal use conditions
Environmental hazard	See Section 12 for additional Ecological Information

3. Composition/Information on Ingredients
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Chemical Name	CAS-No	Weight %
Water	7732-18-5	>99
Sodium Lauryl Sulfate	151-21-3	<1
Titanium dioxide	13463-67-7	<1

4. First Aid Measures

General advice	When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.
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
Notes to physician	Treat symptomatically
Protection of first-aiders	No special protective equipment required

5. Fire-Fighting Measures

Flammable properties	Will not burn
Flash point	Not applicable
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Unsuitable extinguishing media	No information available

Specific hazards arising from the chemical

Hazardous combustion products	None known
Explosion Data	
Sensitivity to Mechanical Impact	Not impact sensitive
Sensitivity to Static Discharge	Not sensitive

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal Precautions	None required
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.
Other Information	The environmental impact of this product has not been fully investigated. However, this preparation is not expected to present significant adverse environmental effects.

7. Handling and Storage

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice
Technical measures/Storage conditions	Keep container tightly closed in a dry and well-ventilated place Store in original container
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

8. Exposure Controls/Personal Protection

Exposure guidelines

Product information

Xerox Exposure Limit None established

Component information

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

Occupational Exposure Controls

Engineering measures None under normal use conditions.

Personal Protective Equipment

Consumer use	These recommendations apply to the product as supplied
Respiratory protection	No protective equipment is needed under normal use conditions
Eye/Face protection	No special protective equipment required
Skin and body protection	No special protective equipment required
Hand protection	No special protective equipment required

9. Physical and Chemical Properties

Appearance	No information available	Odor	Faint
Odor threshold	No information available	Physical state	Liquid
pH	6.0	Color	White
Flash point	Not applicable	Boiling point/range	97-99 °C
Softening point	Not applicable	Autoignition temperature	Not applicable
Volatility	99.9% (Wt.) % (Vol.)		
Flammability Limits in Air	Not determined		
Vapor pressure	22 mmHg @ 20 °C		
Vapor density	Not applicable		
Water solubility	Completely soluble		
Viscosity	No information available		
Partition coefficient	No information available		
Evaporation rate	5.1 (n-butylacetate=1)		
Melting point/range	Not applicable		
Freezing point	Not determined		
Decomposition temperature	Not determined		
Specific gravity	~ 1		

10. Stability and Reactivity

Reactivity	No dangerous reaction known under conditions of normal use
Stability	Stable under normal conditions
Incompatible products	None
Conditions to Avoid	None known
Hazardous Decomposition Products	None under normal use
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. Toxicological Information

Acute toxicity

Product information No acute toxicity information is available for this product

Component information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Lauryl Sulfate	977 mg/kg (Rat)	580 mg/kg (Rabbit)	3900 mg/m ³ (Rat) 1 h
Titanium dioxide	10000 mg/kg (Rat)		

Chronic toxicity

Main symptoms	May cause gastrointestinal discomfort if consumed in large amounts
Aggravated medical conditions	None under normal use conditions
Carcinogenicity	See "Other Information" in this section.

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

Chemical Name	IARC	NTP
Titanium dioxide	2B	

Other information

The IARC (International Agency for Research on Cancer) has listed titanium dioxide as "possibly carcinogenic to humans". The classification is based on studies in rats using pure, unbound TiO₂. Based on the review of available study results, when this product is used as intended, Xerox has concluded that the presence of titanium dioxide in this mixture does not present an increased risk of lung cancer or chronic respiratory disease.

Other toxic effects

Product information

Sensitization	No information available
Mutagenic effects	Not determined
Teratogenicity	No information available
Target organ effects	No information available
Aspiration Hazard	Not applicable
Other adverse effects	No information available

12. Ecological Information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Component information

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 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 4.06 - 5.75 mg/L Lepomis macrochirus 96 h LC50 5.8 - 7.5 mg/L Pimephales promelas 96 h LC50 10.2 - 22.5 mg/L Pimephales promelas 96 h LC50= 7.97 mg/L Brachydanio rerio 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 13.5 - 18.3 mg/L Poecilia reticulata 96 h LC50 10.8 - 16.6 mg/L Poecilia reticulata 96 h LC50= 4.2 mg/L Oncorhynchus mykiss 96 h LC50 9.9 - 20.1 mg/L Brachydanio rerio 96 h LC50 4.2 - 4.8 mg/L Lepomis macrochirus 96 h LC50= 4.5 mg/L Lepomis macrochirus 96 h		EC50 = 1.8 mg/L 48 h

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

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

Bioaccumulation No product level data available

Mobility No product level data available

Component information

Chemical Name	log Pow
Sodium Lauryl Sulfate	1.6

Other adverse effects No information available

13. Disposal Considerations

Waste Disposal Methods Can be disposed as waste water, when in compliance with local regulations

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport Information

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

15. Regulatory Information

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.

SARA 311/312 Hazard Categories

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 does not contain any HAPs.

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.

TSCA

This product complies with TSCA12(b)

U.S. State Regulations

California Proposition 65

Titanium dioxide is regulated under California Proposition 65 only if a product results in exposure in the form of "airborne, unbound particles of respirable size". Toner products do not result in exposure to titanium dioxide in the form of "airborne, unbound particles of respirable size". Therefore, the requirements of Proposition 65 do not apply to this product.

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

Chemical Name	CAS-No	California Prop. 65
Titanium dioxide	13463-67-7	Carcinogen

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
Titanium dioxide	X	X	X		X

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.

16. Other Information

Issuing Date 1983-03-18
Revision Date 2015-05-18
Revision Note Updated for OSHA HazCom 2012 and WHMIS 2015

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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