

Safety Data Sheet

SDS #: D-0401

Formula A Cleaner, Liquid Cleaning Kit, Exterior Cleaner, Formula B Cleaner

Issuing Date 1983-03-08

Revision Date 2023-04-20

Version 4

Active

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

Product Identifier

Product Name

Formula A Cleaner for Xerox Products
Liquid Cleaning Kit
Exterior Cleaner
Formula B Cleaner

Part no. 043P00048, 043P00049, 043P00050, 043P00051, Included in Kits: 008R01169, 008R00582, 008R03674, 008R03800 XCI: 544P20361 Contained in: 008R03709

Color Colorless
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

Supplier Xerox Corporation
Webster, NY 14580

Xerox Canada LTD.
5650 Yonge Street
North York, Ontario M2M4G7

For further information, please contact

Contact person Manager, Environment, Health, Safety & Sustainability
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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

Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Flammable liquids	Category 3

Label elements

GHS Label elements, including precautionary statements

Symbol(s)



Signal Word

Warning

Hazard Statements

H226 - Flammable liquid and vapor
H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233 - Keep container tightly closed
P240 - Ground/Bond container and receiving equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
P403 + P235 - Store in a well-ventilated place. Keep cool
P501 -Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS No.	Weight %	Classification (Reg. 1272/2008)	Hazard Statements
Water	7732-18-5	75-85	--	--
Isopropyl alcohol	67-63-0	<10	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336
Butoxypropanol	5131-66-8	<10	Flam Liq. 4 Skin Irrit. 2 Eye Irrit. 2	H227 H315 H319

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Linear alcohol surfactant; C ₁₁ -C ₁₅	68131-40-8	<5	Skin Irrit. 2 Eye Irrit. 2 Aquatic Chron. 2 Aquatic Acute 2	H315 H319 H411 H401
Sodium xylenesulfonate	1300-72-7	<5	Eye Irrit. 2	H319
Tetrasodium Pyrophosphate	7320-34-5	<5	Eye Irrit 2	H319

"--" 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** 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 off with warm water and soap
- Inhalation** Move to fresh air in case of accidental inhalation of vapors
- Ingestion** Do NOT induce vomiting, Drink plenty of water, Never give anything by mouth to an unconscious person, Get medical attention if symptoms occur

Most important symptoms and effects, both acute and delayed

- Acute toxicity**
 - Eyes** Irritating to eyes
 - Skin** Irritating to skin
 - Inhalation** May cause irritation of respiratory tract, May cause drowsiness and dizziness
 - Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea, Not an expected route of exposure
- Chronic toxicity** No known effect

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** Water spray, Foam, Dry chemical, Carbon dioxide (CO₂)
- Unsuitable extinguishing media** None

Special hazards arising from the substance or mixture

- In the event of fire, cool tanks with water spray
- May be ignited by heat, sparks or flames

Advice for fire-fighters

Wear self-contained breathing apparatus and protective suit

Other information

- Flammability** Flammable liquid
- Flash point** 41.1 °C
- Method** PMCC

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, For personal protection see section 8

Environmental precautions

Prevent product from entering drains, Do not allow material to contaminate ground water system

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

Methods for cleaning up Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal, After cleaning, flush away traces with water

Reference to other sections

See Section 12 for additional information

See Section 13 for additional information

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice

Hygiene measures Avoid contact with skin, eyes and clothing
Wash hands thoroughly after handling

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep away from open flames, hot surfaces and sources of ignition

Incompatible products None

Specific end uses

Cleaner / Solvent

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Xerox Exposure Limit 25 ppm (1-butoxy-2-propanol)

Chemical Name	ACGIH TLV	OSHA PEL
Isopropyl alcohol	STEL 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³

Exposure controls

Engineering measures None known

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

Eye/Face protection If splashes are likely to occur, wear: Safety glasses with side-shields

Hand protection Protective gloves

Skin and body protection Wear suitable protective clothing

Respiratory protection None 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

Appearance	Clear	Odor	Slight
Physical state	Liquid	Odor threshold	No information available
Color	Colorless	pH	9.6
Flash point	41.1 °C	Method	PMCC
Melting / Freezing Point	Not applicable		
Boiling point/range	89-99 °C		
Softening point	Not applicable		
Evaporation rate	2.9 (N-butylacetate=1)		
Volatility	96.4% (Wt.) N.A. %(Vol.)		
Flammability	Flammable liquid		
Flammability Limits in Air	Values for isopropanol at 760 mm and 82 °C		
	Upper 12%	Lower	2%
Vapor pressure	15 mmHg @ 20 °C		
Vapor density	2.07		
Specific gravity	~ 1		
Water solubility	Completely soluble		
Partition coefficient	No information available		
Autoignition temperature	No data 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

Heat, flames and sparks.

Incompatible Materials

None

Hazardous decomposition products

Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product Information

No acute toxicity information is available for this product

Irritation Irritating to eyes and skin

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Isopropyl alcohol	5045 mg/kg (Rat)	4059 mg/kg (Rabbit)	72600 mg/m ³ (Rat) 4 h
Butoxypropanol	5660 µL/kg (Rat)	3100 mg/kg (Rabbit)	
Linear alcohol surfactant; C ₁₁ -C ₁₅	2100 mg/kg (Rat) 32 mL/kg (Rat)	2 mL/kg (Rabbit) 5660 µL/kg (Rabbit)	
Sodium xylenesulfonate	1000 mg/kg (Rat)		
Tetrasodium Pyrophosphate		4640 mg/kg (Rabbit)	

Chronic toxicity

Sensitization Not expected to be a sensitizer

Neurological Effects No information available

Target organ effects No information available

CMR Effects

Mutagenic effects Not determined

Reproductive toxicity No information available

Carcinogenicity Contains no ingredient listed as a carcinogen

Other toxic effects

Aspiration Hazard Not applicable

Other adverse effects Respiratory tract irritation

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 No product level data available

Chronic Aquatic Toxicity No product level data available

Component Information

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Isopropyl alcohol	1000 mg/L EC50 72 h (Desmodesmus subspicatus) 1000 mg/L EC50 96 h (Desmodesmus subspicatus)	LC50= 9640 mg/L Pimephales promelas 96 h LC50= 11130 mg/L Pimephales promelas 96 h LC50> 1400000 µg/L Lepomis macrochirus 96 h		EC50 = 13299 mg/L 48 h
Linear alcohol surfactant; C ₁₁ -C ₁₅	1.03 mg/L EC50 72 h (S. capricornutum)	LC50 = 1.53 mg/L Rainbow trout 96h		EC50 = 5.66 mg/L 48 h
Tetrasodium Pyrophosphate		LC50> 100 mg/L Oncorhynchus mykiss 96 h		EC50 > 100 mg/L 48 h

Persistence and degradability

No product level data available

Bioaccumulative potential

No product level data available

Mobility in soil

Soluble in water

Component Information

Chemical Name	log Pow
Isopropyl alcohol	0.05

Results of PBT and vPvB assessment

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

Endocrine disrupting properties

This product does not contain any known or suspected endocrine disruptors

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods

This material should be disposed of as a hazardous waste in the United States (D001 EPA code) and Canada. Small quantity exemptions may apply. This material should be disposed of using fuels blending, solvent recycling or incineration treatment methods.

Contaminated packaging

No special precautions are needed in handling this material

California Waste Status

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol	Toxic Ignitable

14. TRANSPORT INFORMATION

Exceptions may apply

Regulation	UN/ID No	Proper shipping name	Hazard class	Subsidiary hazard class	Packing Group	Exceptions
DOT	NA1993/UN1993	Combustible liquid n.o.s (isopropyl alcohol, butoxypropanol)	Combustible liquid	-	III	49CFR173.150(e)
TDG	UN1993	Flammable liquid n.o.s (isopropyl alcohol, butoxypropanol)	3	-	III	1.17 Limited Quantities
ICAO/IATA	UN1993	Flammable liquid n.o.s (isopropyl alcohol, butoxypropanol)	3	-	III	2.7 Limited Quantities
IMDG/IMO	UN1993	Flammable liquid n.o.s ((isopropyl alcohol, butoxypropanol))	3	-	III	3.4 Limited Quantities

15. REGULATORY INFORMATION

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

OSHA Regulatory Status

This material is 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	SARA 313 - Threshold Values %
Isopropyl alcohol	67-63-0	1.0

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 substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

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		
Isopropyl alcohol	X	X	X		

16. OTHER INFORMATION

Issuing Date 1983-03-08
Revision Date 2023-04-20
Revision Note (M)SDS sections updated:, 3, 16

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

- H225 - Highly flammable liquid and vapor
- H227 - Combustible liquid
- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H336 - May cause drowsiness or dizziness

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H401 - Toxic to aquatic life

H411 - Toxic 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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