

XEROX**Material Safety Data Sheet****MSDS No:** D-0401**Date:** 3/8/83**Revision:** 8/2/01**Supplier:** Xerox Corporation
Rochester, NY 14644Xerox Canada Ltd.
5650 Yonge Street
North York, Ontario M2M 4G7**Telephone #(s):***Safety Information: (800) 828-6571**Health Emergency: (716) 422-2177**Transportation Emergency (Chemtrec): (800) 424-9306***Section I - Product Identification****Trade Names/Synonyms:** Formula A Cleaner, Liquid Cleaning Kit,
Exterior Cleaner, Formula B Cleaner**Part No.:** 43P48, 43P49, 43P50, 43P51*Included in Kits: 8R1169*, 8R582*,
8R3674, 8R3800***Chemical Name:** None

XCI: 544P20361 Contained in: 8R3709

WHMIS Status: Class B/Div. 3, Combustible and Class D/Div. 2B, Toxic

*Cancelled

Ingredients (% by wt.)**CAS No.**

Water (75-80%)	7732-18-5
Isopropanol (5-10%) ^{1,2}	67-63-0
1-Butoxy - 2-propanol (5-10%) ^{1,2}	5131-66-8
Linear alcohol surfactant; C ₁₁ - C ₁₅ (<5%)	68131-40-8
Sodium xylenesulfonate (<5%)	1300-72-7

Section II - Emergency and First Aid**Primary Route of Entry:**

Inhalation

Eyes:

Flush thoroughly with water.

Skin:

Wash thoroughly with soap and water.

Inhalation:

Remove from exposure.

Ingestion:

Dilute stomach contents with several glasses of water.

Symptoms of Overexposure:

Central nervous system depression, cardiovascular and respiratory depression and gastrointestinal irritation.

Medical Conditions Generally Aggravated by Exposure:

None when used as described by product literature.

Additional Information:

None.

Section III - Toxicology and Health Information*This material has been evaluated by Xerox Corporation.*

Oral LD₅₀: >5 g/kg (rats) practically non-toxic.
Dermal LD₅₀: >10.2 g/kg (rabbits) practically non-toxic.
Inhalation LC₅₀: >200 mg/l practically non-toxic.
Eye Irritation: Irritant
Skin Sensitization: Not a sensitizer.
Skin Irritation: Not an irritant.
Human Patch: N.D.
Mutagenicity: N.D.
Carcinogens: None present
Aquatic LC₅₀: N.D.

TLV: 400 ppm (isopropanol)
PEL: 400 ppm (isopropanol)
STEL: 500 ppm (isopropanol)
Ceiling: N.E.
XEL³: 25 ppm (1-butoxy-2-propanol)

Additional Information: None

¹This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372. ²Hazardous ingredient(s) as defined by WHMIS. ³XEL-Xerox Exposure Limit.

XEROXTrade Name: Formula A Cleaner, Liquid Cleaning Kit, Exterior Cleaner,
Formula B Cleaner

MSDS No.: D-0401

Section IV - Physical Data

Appearance/Odor:	Clear liquid / slight odor	Softening Range:	N.A.
Boiling Point:	89-99°C	Melting Point:	N.A.
Solubility in Water:	Completely	Specific Gravity (H₂O=1):	~1
Evaporation Rate	2,9 (N-butylacetate=1)	Vapor Pressure @ 20°C (mm Hg):	15
Vapor Density (Air=1):	2.07	pH:	9.6
Volatile:	96.4% (Wt.) N.A. % (Vol.)	VOC:	200 g/l

Section V - Fire and Explosion Data

Flash Point (Method Used):	106 °F (41.1°C) (P.M.C.C.)
Flammable Limits:	LEL: 2%*, UEL: 12% *Value for isopropanol at 760mm and 82°C.
NFPA 704:	Health - 0, Fire - 2, Reactivity - 0
Extinguishing Media:	Water, foam, dry chemical, CO ₂ .
Special Fire Fighting Procedures:	Use water spray to cool containers.
Fire and Explosion Hazards:	A moderate explosion hazard occurs when this material is exposed to heat or flames.

Section VI -Reactivity Data

Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Hazardous Decomposition Products:	None
Incompatibility (Materials to Avoid):	None

Section VII - Special Protection Information

Respiratory Protection:	None required when used as intended in Xerox products.
Eye Protection:	Safety glasses with side shields or goggles required.
Protective Gloves:	Rubber or vinyl coated gloves recommended.
Other:	None required when used as intended in Xerox products.

Section VIII - Special Precautions

Handling and Storage:	Do not store near heat, flames, or sparks. This material is similar to soap and may be irritating to eyes.
Conditions to Avoid:	None

Section IX- Spill, Leak, and Disposal Procedures

For Spills or Leakage:	No special procedures. (Similar to washroom soaps.)
Waste Disposal Method:	Flush down drain with water.

Section X - Transportation Information

<u>Proper Shipping name</u>	<u>Hazard Class</u>	<u>ID#</u>	<u>Packing Group</u>	<u>Exceptions may apply</u>
D.O.T. Combustible Liquid, n.o.s. (isopropyl alcohol)	Combustible Liquid	NA1993	III	Combustible liquids: 49 CFR, 173.150 (f) Limited Quantity: 49 CFR, 173.150 (b) Consumer Commodity (ORM-D): 49 CFR, 173.150 (c)
I.A.T.A. Flammable Liquid, n.o.s. (isopropyl alcohol)	3	UN1993	III	yes
I.M.O. Flammable Liquid, n.o.s. 3 (isopropyl alcohol)	3	UN1993	III	yes
T.D.G. Not Regulated	N.A.	N.A.	N.A.	Section 2.23.2(i)

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