



Kitter Corporation

Material Safety Data Sheet

FLASH Glass Cleaner

Section 1: Identification

Product Name: FLASH Glass Cleaner
Manufacturer's Name: Kitter Corporation
Address: 100 S. Cleveland (P.O. Box 9680) Amarillo, Texas 79105
Emergency Phone Number: Chem-Tel 1-800-255-3924
Product Stewardship: 806-376-1448
Date Prepared: February 19, 2003

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. Number	Weight %
Water	7732-18-5	60 - 95
Isopropyl Alcohol	67-63-0	1 - 5
Nonionic Surfactants	68412-54-4	<1
Butoxyethanol	111-76-2	1 - 5

OSHA Hazardous Components (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

	OSHA PEL	ACGIH TLV
Isopropyl alcohol	400 ppm	400 ppm
Butoxyethanol	100 ppm	100 ppm

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Moderate to severe irritant.

Skin: Product is mild skin irritant. Prolonged or repeated exposure may cause skin irritation.

Ingestion: Harmful if swallowed. Nausea and diarrhea possible, aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Inhalation: Little, if any, effects caused by inhalation of the vapors from this product. Concentrated vapors can cause irritation of the lungs.

Medical Conditions Aggravated by Overexposure: Repeated skin contact may cause dermatitis.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Get medical attention.

Skin Contact: Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. Seek medical attention.

Ingestion: Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

Inhalation: Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

Section 5: Fire Fighting Measures

Flash Point & Method: Not Flammable, (ASTM D 56)

Flammable Limits: LEL - N/A UEL - N/A

Auto ignition Temperature: N/E

General Hazard: None

Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.

Unusual Fire & Explosion Hazards: None known

Section 6: Accidental Release Measures

Small Spills: Soak up with absorbent. Shovel in waste containers. Flush area with water.

Large Spills: Recover spilled material for reprocessing or disposal. See Section 13 for proper disposal information.

Section 7: Handling & Storage

Storage Temperature: Ambient

Storage Pressure: Atmospheric

General: Keep container closed when not in use. Store in a cool, well-ventilated area. Avoid overheating or freezing.

Wash thoroughly after handling. Keep out of reach of children. Spilled material is slippery.

FLASH Glass Cleaner

Section 8: Exposure Control / Personal Protection

Engineering Controls: Local exhaust ventilation is acceptable. Mechanical ventilation is recommended.

Personal Protection:

Respiratory Protection: If vapors, fumes or dusts are present use a MSHA or NIOSH approved respirator, a fresh air breathing apparatus or a self-contained breathing apparatus.

Hand Protection: Natural latex or Neoprene gloves recommended.

Eye Protection: Safety glasses.

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H ₂ O=1)	1.003	Boiling Point	>200°F
Vapor Pressure (mmHg.)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	>1	Solubility in Water	100%
Evaporation Rate (n-BuAc=1)	<1	pH	9.0

Appearance and Odor: Medium blue liquid with light fragrance.

Section 10: Stability & Reactivity

General:	Stable, hazardous polymerization will not occur.
Incompatible Materials:	Reactive alkali metals, strong acids and bases.
Hazardous Decomposition:	Forced combustion yields carbon oxides.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:
Information not available.

Section 12: Ecological Information

Information not available.

Section 13: Disposal Considerations

Waste Disposal Method: Recover liquid or dispose waste material in accordance with all applicable federal, state and local regulations and laws. Material collected with absorbent may be disposed of in a permitted landfill.

Section 14: Transportation Information

U.S. DOT Information:	
Proper Shipping Name:	NON-HAZARDOUS
Hazard Class:	N/A
Packing Group:	N/A
UN Number:	N/A
Limitations:	N/A

Section 15: Regulatory Information

U.S. Federal Regulations: MSDS complies with OSHA's Hazard Communication Rule, 29CFR1910.1200.

CERCLA /Superfund, 40 CFR 117: N/A

SARA Superfund and Reauthorization Act of 1986 Title III Sections 302, 311, 312 and 313:

Section 302: None of the chemicals are listed in Section 302

Section 311 / 312: By our hazard evaluation, this product is hazardous.

EPA Hazard: Immediate (acute) health hazard.

Section 313: None of the chemicals are listed in Section 313.

TSCA: All substances are TSCA Listed.

Section 16: Other Information

Revision Dates, Sections, Revised By: 02-19-2003, CREATED, D. Sloan

Abbreviations used in this Document: N/A – Not Applicable, N/E – Not Established

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