



# Kitter Corporation

# Material Safety Data Sheet

## POWER OUT SOFT/SOUR Liquid Fabric Softener & Brightener

### Section 1: Identification

Product Name: POWER OUT SOFT/SOUR Liquid Fabric Softener & Brightener  
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: June 18, 2003

### Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	75 - 99
Phosphoric Acid, (75% solution)	7664-38-2	10 - 20
2-Propanol	67-63-0	<1

OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIH TLV
Phosphoric Acid, (75% solution)	1 mg/ml	1 mg/ml
2-Propanol	980 mg/ml	1225 mg/ml

### Section 3: Hazard Identification

Potential Health Effects:

Eyes: Severe irritant! Contact with eyes can cause serious injury.  
Skin: Contact with skin may cause irritation.  
Ingestion: Swallowing may cause abdominal discomfort, nausea, vomiting and diarrhea.  
Inhalation: Vapors and fumes may cause irritation to mucous membranes and tissues of the respiratory tract.  
Medical Conditions Aggravated by Overexposure: Repeated skin contact may cause dermatitis.

### Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately.  
Skin Contact: Flush affected area with large amounts of water. Remove contaminated clothing and wash before reuse.  
Ingestion: Do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.  
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

### Section 5: Fire Fighting Measures

Flash Point & Method: None, PMCC  
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. Wash contaminated area with water. Avoid discharge into natural waterways.  
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.

# POWER OUT SOFT/SOUR Liquid Fabric Softener & Brightener

## 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: Water repellent gloves.

Eye Protection: Safety glasses or goggles.

Other Recommendations: Not required.

## Section 9: Physical & Chemical Properties

Specific Gravity (H <sub>2</sub> O=1) . . . . .	1.06	Boiling Point . . . . .	>212°F
Vapor Pressure (mmHg.) . . . . .	N/A	Melting Point . . . . .	N/A
Vapor Density (AIR=1) . . . . .	>1	Solubility in Water . . . . .	>95%
Evaporation Rate (n-BuAc=1) . . . . .	<1	pH . . . . .	2 - 3

Appearance and Odor: Clear blue liquid with a light powder fragrance.

## Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.  
Incompatible Materials: Strong oxidizing agents, chlorine and acid chlorides.  
Hazardous Decomposition: Forced combustion yields carbon oxides.

## Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:

For Phosphoric Acid (7664-38-2): Oral LD<sub>50</sub> = 1530 mg/kg (Rat)

For 2-Propanol (67-63-0): Oral LD<sub>50</sub> = 5045 mg/kg (Rat)

No Chemicals used in this product are listed as carcinogens or suspected carcinogens by the National Toxicological Program, IARC monographs or OSHA.

## Section 12: Ecological Information

Aquatic Effects:  
48-hour "Daphnia magna" LC<sub>50</sub> = 1.0 mg/L      Bacterial test LC<sub>50</sub> = >5000 mg/L  
96-hour Fathead Minnow LC<sub>50</sub> = 0.6 mg/L

## 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.

## Section 14: Transportation Information

U.S. DOT Information:

Proper Shipping Name:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (contains PHOSPHORIC ACID)
Hazard Class:	8
Packing Group:	III
UN Number:	UN1805
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: 06-18-2003, CREATED, D. Sloan

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

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