



## AMMONIATED CLEANER All Purpose Cleaner

### Section 1: Identification

Product Name: AMMONIATED CLEANER All Purpose 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: April 21, 2003

### Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	85 - 99
Sodium Hydroxide	310-73-2	1 - 2
2-butoxyethanol	111-76-2	2 - 6
Tetrapotassium pyrophosphate	7320-34-5	1 - 2
Triethanolamine	102-71-6	1 - 2
n-Dodecylbenzene Sulfonic Acid, Linear	27176-87-0	1 - 5
Citrus Terpenes	5989-27-5	<1
Ammonium Hydroxide	1336-21-6	<1
OSHA Hazardous Components (29 CFR 1910.1200):		
	OSHA PEL	ACGIH TLV
Butoxyethanol	100 ppm	100 ppm
Sodium Hydroxide	2 mg/ml	2 mg/ml
Triethanolamine	5 mg/ml	5 mg/ml
n-Dodecylbenzene Sulfonic Acid, Linear	None Listed	None Listed
Ammonium Hydroxide	500 ppm	25 ppm TWA; 35 ppm STEL

### Section 3: Hazard Identification

#### Potential Health Effects:

Eyes: Contact with eyes causes severe eye injury.

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

Ingestion: Harmful if swallowed. Swallowing may cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation: 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 water for at least 15 minutes. Seek medical attention if symptoms persist.

Skin Contact: Wash skin with water and remove contaminated clothing. Wash contaminated clothing before reuse.

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

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

### Section 5: Fire Fighting Measures

Flash Point & Method: >200°F, TCC Method

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

Auto ignition Temperature: Not Determined

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.

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## 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: Goggles or full face shield.

Other Recommendations: Not required.

## Section 9: Physical & Chemical Properties

Specific Gravity (H <sub>2</sub> O=1) . . . . .	1.04	Boiling Point . . . . .	>200°F
Vapor Pressure (mmHg.) . . . . .	NA	Melting Point . . . . .	NA
Vapor Density (AIR=1) . . . . .	>1	Solubility in Water . . . . .	100%
Evaporation Rate (n-BuAc=1) . . . . .	<1	pH . . . . .	10 - 11

Appearance and Odor: Red liquid with a characteristic ammonia odor.

## Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Reactive alkali metals, strong acids & bases.

Hazardous Decomposition: Forced combustion yields carbon oxides.

## Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:

For 2-butoxyethanol (111-76-2): Oral LD50 (Guinea Pig) = 1.4 g/kg; Dermal LD50 (Guinea Pig) >2g/kg;  
Inhalation LC50 (Guinea Pig) >650 ppm.

For n-Dodecylbenzene Sulfonic Acid, Linear (27176-87-0): Oral LD50 (Rat) = 650 mg/kg.

For Ammonium Hydroxide (1336-21-6): Oral LD50 (Rat) = 350 mg/kg; Eye, standard Draize (Rabbit) = 250°g severe,  
Inhalation LC50 (Rat) = 2000 ppm, 4-hour.

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

## Section 12: Ecological Information

Aquatic Effects: LC50 96-hour for Fish = <1 mg/m3

EC50 48-hour "Daphnia magna" = <1 mg/m3

## 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.

RCRA 40 CFR 261 Classification: Unused material is not regulated.

## 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 non-hazardous.

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: 04-21-2003, CREATED, D. Sloan

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

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