



Kitter Corporation

Material Safety Data Sheet

KC CONCENTRATE All Purpose Cleaner

Section 1: Identification

Product Name: KC CONCENTRATE 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: May 6, 2003

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	70 - 99
Sodium Hydroxide	1310-73-2	<1
Nonylphenol ethoxylate	127087-87-0	1 - 5
Sodium Tripolyphosphate	7758-29-4	1 - 5
n-Dodecylbenzene Sulfonic Acid, Linear	27176-87-0	1 - 5

OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIH TLV
Sodium Hydroxide	2 mg/ml	2 mg/ml
n-Dodecylbenzene Sulfonic Acid, Linear	None Listed	None Listed

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.
Skin Contact: Wash skin with water and remove contaminated clothing. Do not reuse contaminated clothing.
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: Safety glasses or goggles.

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H₂O=1) 1.04

Vapor Pressure (mmHg.) N/A

Vapor Density (AIR=1) >1

Evaporation Rate (n-BuAc=1) <1

Appearance and Odor: Orange liquid with a mild fragrance.

Boiling Point >200°F

Melting Point N/A

Solubility in Water 100%

pH 11.5 - 12.5

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:

For Sodium Hydroxide (1310-73-2): Oral LD₅₀ (Rabbit) = 500 mg/kg

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

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: LC₅₀ 96-hour for Fish = 10.8 mg/m³
EC₅₀ 48-hour "Daphnia magna" = 11-23 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: 05-06-2003, CREATED, D. Sloan

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

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