



REACT Dish Washer Rinse Additive

Section 1: Identification

Product Name: REACT Dish Washer Rinse Additive
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 7, 2003

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	50 - 90
Ethoxylated propoxylated alcohols, C10-C12	68154-97-2	1 - 10
Isopropyl Alcohol	67-63-0	1 - 10
Sodium Alkylnaphthalenesulfonate	* see note	1 - 3

* New Jersey Trade Secret Number 136411-5338P

OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIH TLV
Isopropyl alcohol	400 ppm	400 ppm

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Moderate to severe irritant.

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

Ingestion: Abdominal discomfort, nausea and diarrhea possible.

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 water for at least 15 minutes. Seek medical attention immediately.

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

Ingestion: Do not induce vomiting. 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: 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.

REACT Dish Washer Rinse Additive

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)	1.03	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	8.5

Appearance and Odor: Medium blue liquid with a light fragrance.

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition: Oxides of carbon.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:
Information not available.

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: This product is moderately toxic to aquatic organisms.

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 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: 06-07-2003, CREATED, D. Sloan

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

Disclaimer of Liability: The information contained herein is, to the best of our knowledge, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.