



# Kitter Corporation

# Material Safety Data Sheet

## DISH-O-DET Dish Machine Detergent

### Section 1: Identification

Product Name: DISH-O-DET Dish Machine Detergent  
Manufacturer's Name: Kitter Corporation  
Address: 100 S. Cleveland (P.O. Box 9680) Amarillo, TX 79105  
Emergency Phone Number: Chem-Tel 1-800-255-3924  
Product Stewardship: 806-376-1448  
Date Prepared: October 27, 2008

### Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Sodium Carbonate	497-19-8	50-60
Sodium Hydroxide	1310-73-2	10-20
Sodium Tripolyphosphate	7758-29-4	10-20
Alcohols, C10-C12, ethoxylated Propoxylated	68154-97-2	1-5
Trichloro(iso)cyanuric acid	87-90-1	1-3
Tetrasodium salt of Ethylenediaminetetraacetic acid	64-02-8	<1
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)		
	OSHA PEL	ACGIH TLV
Sodium Hydroxide	2 mg/ml	2 mg/ml
Trichloro(iso)cyanuric acid	1.5 mg/ml	1.5 mg/ml

### Section 3: Hazard Identification

#### Potential Health Effects:

Eyes: Severe irritant.  
Skin: Product is a skin irritant. Prolonged or repeated exposure will cause skin irritation.  
Ingestion: Harmful if swallowed Nausea and diarrhea possible, aspiration of material into lungs can cause chemical pneumonitis which can be fatal.  
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 4: First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for 15 minutes or until irritation subsides. Call for prompt 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: >200°F, TCC Method  
Flammable Limits: LEL - N/A UEL - N/E  
Auto Ignition Temperature: Not Determined  
General Hazard: Corrosive or strongly alkaline liquid. Concentrate product solution in contact with aluminum releases hydrogen gas.  
Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.

### 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 place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10) Follow all MSD Sheet and Label warnings even after emptied.

# DISH-O-DET Dish Machine Detergent

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## Section 8: Exposure Control / Personal Protection

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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 with a NIOSH alkaline cartridge.

Hand Protection: Alkali resistant gloves

Eye Protection: Side shield safety glasses

Other Recommendations: Not required.

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## Section 9: Physical & Chemical Properties

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Specific Gravity (H<sub>2</sub>O=1) . . . . 2.61

Boiling Point . . . . . >200°F

Vapor Pressure (mmHg) . . . . . N/A

pH . . . . . N/A

Solubility in Water . . . . . 100%

Volatile by Volume . . . N/A

Appearance and Odor: White powder

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## Section 10: Stability & Reactivity

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General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Flammable liquids, organic halogens, concentrated acids, or soft metals.

Hazardous decomposition: Forced combustion yields carbon oxides.

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## Section 11: Toxicological Information

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Results of Component Toxicity Tests Performed: Information not available.

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## Section 12: Ecological Information

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Aquatic Effects: Information not available

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## Section 13: Disposal Considerations

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RCRA 40 CFR 261 Classification: Unused material is not regulated, however used material may contain regulated materials. Since Federal, State, and Local laws governing disposal of materials can differ; please ensure proper disposal compliance with proper authorities before disposal.

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## Section 14: Transportation Information

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Proper Shipping Name: CORROSIVE SOLID, BASIC, INORGANIC, NOS,  
(SODIUM HYDROXIDE, SODIUM DICHLORO-S-TRIAZINETRIONE)

Hazard Class: 8

Packing Group:II

UN Number: UN3262

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## Section 15: Regulatory Information

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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 Section 302, 311 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:

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## Section 16: Other Information

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Created: 01-09-2007, Revised October 27, 2008l.

By: D. Sloan

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