



# Kitter Corporation

# Material Safety Data Sheet

## TURBO TB III Germicidal Detergent

### Section 1: Identification

Product Name: TURBO TB III Germicidal Detergent  
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: July 15, 2003

### Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	85 - 99
Isopropanol	67-63-0	10 - 20
Sodium Xylene Sulfonate	1300-72-7	5 - 10
o-benzyl-p-chlorophenol	120-32-1	1 - 10
o-phenylphenol	90-43-7	1 - 5
p-tertiary-amylphenol	80-46-6	1 - 2
Sodium EDTA	64-02-8	1 - 2

#### OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIH TLV
Isopropanol	400 ppm	400 ppm
o-benzyl-p-chlorophenol	Not Listed	5 ppm

### Section 3: Hazard Identification

#### Potential Health Effects:

Eyes: Contact with eyes can cause severe injury or damage.

Skin: Contact with skin may cause irritation.

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

Inhalation: Not a likely route of exposure.

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: 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. 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.

# TURBO TB III Germicidal 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, a fresh air breathing apparatus or a self-contained breathing apparatus.

Hand Protection: Wear PVC, Neoprene, Butyl Rubber or PVA gloves.

Eye Protection: Safety glasses or goggles.

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) . . . . .	0.99	Boiling Point . . . . .	>212°F
Vapor Pressure (mmHg.) . . . . .	N/A	Melting Point . . . . .	N/A
Vapor Density (AIR=1) . . . . .	>1	Solubility in Water . . . . .	emulsifiable
Evaporation Rate (n-BuAc=1) . . . . .	<1	pH . . . . .	9.7

Appearance and Odor: Amber liquid with a mild odor.

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## Section 10: Stability & Reactivity

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General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition: Forced combustion yields ammoniacal vapors and nitrous oxides.

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## Section 11: Toxicological Information

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Results of Component Toxicity Tests Performed:

For o-benzyl-p-chlorophenol (120-32-1): Oral LD<sub>50</sub> = 4.2 g/kg (Rat)

For o-phenylphenol (90-43-7): Oral LD<sub>50</sub> = 2.7 g/kg (Rat)

For p-tertiary-amylphenol (80-46-6): Oral LD<sub>50</sub> = 1.8 g/kg (Rat)

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

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## Section 12: Ecological Information

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Aquatic Effects:

24-hour Goldfish LD<sub>50</sub> >5,000 mg/L (modified ASTM D 1345) Bacterial test LC<sub>50</sub> = 1,050 mg/L

96-hour Fathead Minnow LC<sub>50</sub> = 11,830 mg/L

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## Section 13: Disposal Considerations

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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.

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## Section 14: Transportation Information

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U.S. DOT Information:

Proper Shipping Name: NON-HAZARDOUS

Hazard Class: N/A

Packing Group: N/A

UN Number: N/A

Limitations: N/A

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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 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.

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## Section 16: Other Information

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Revision Dates, Sections, Revised By: 07-15-2003, CREATED, D. Sloan

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

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