

TURBO TB III Germicidal Detergent

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

Eye Protection: Safety glasses or goggles.

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H ₂ 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.

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Strong oxidizing agents.

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

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:

For o-benzyl-p-chlorophenol (120-32-1): Oral LD₅₀ = 4.2 g/kg (Rat)

For o-phenylphenol (90-43-7): Oral LD₅₀ = 2.7 g/kg (Rat)

For p-tertiary-amylphenol (80-46-6): Oral LD₅₀ = 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.

Section 12: Ecological Information

Aquatic Effects:

24-hour Goldfish LD₅₀ >5,000 mg/L (modified ASTM D 1345) Bacterial test LC₅₀ = 1,050 mg/L

96-hour Fathead Minnow LC₅₀ = 11,830 mg/L

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 hazardous.

EPA Hazard: Immediate (acute) health hazard.

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: 07-15-2003, CREATED, D. Sloan

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

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