

STERI--SEPTIC BRAND NM GERMISTAT



ACTIVE INGREDIENT

5 chloro 2(2, 4 dichlorophenoxy) phenol 3.0%

INERT INGREDIENTS 97.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

This is a concentrate which would be harmful if swallowed.

Avoid contact with eyes, skin, or clothing. In case of contact, remove contaminated clothing; wash skin with soap and water; flush eyes with clear water for 15 minutes and get medical attention. Launder contaminated clothing before re use.

Do not re use empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

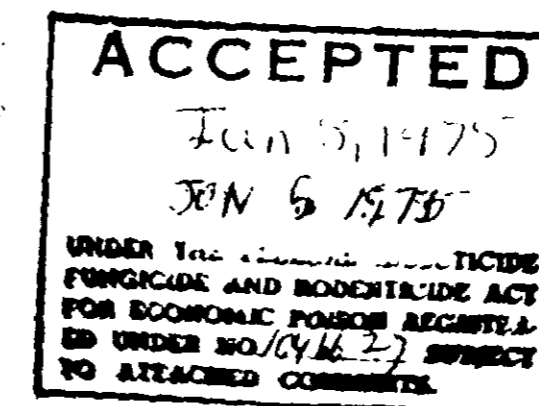
DIRECTIONS

Steri Septic Brand NM Germistat is an additive designed for application to cotton, wool and synthetic fabrics to inhibit the growth of odor causing bacteria on fabrics when used in accordance with the accompanying directions. The duration of Steri Septic Brand NM Germistat's bacteriostatic activity was experimentally demonstrated on washable treated fabrics subjected to 50 conventional launderings.

Manufactured By
THOMSON RESEARCH ASSOCIATES LTD.
53 SHAW STREET
TORONTO, ONTARIO
CANADA M6J 2W3

Net Contents: U.S. Gallons

E.P.A. Reg. No. 10466-27



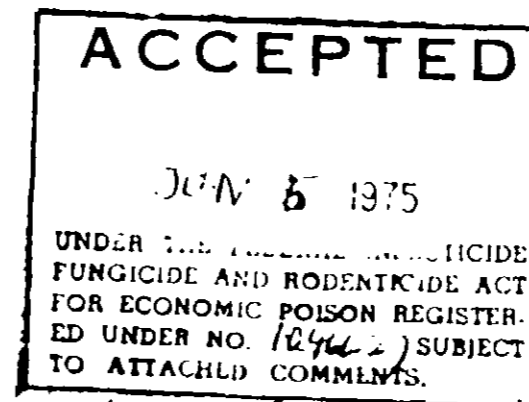
STERI-SEPTIC BRAND "NM" GERMISTAT

PRODUCT DESCRIPTION

STERI-SEPTIC BRAND "NM" GERMISTAT is an aqueous emulsion designed to confer durable bacteriostatic properties to cotton, wool and synthetic textile fabrics. STERI-SEPTIC BRAND "NM" GERMISTAT can be applied from the pad, by exhaustion either alone or together with softeners, and can be co-applied with dyestuffs.

PHYSICAL PROPERTIES

Boiling Point	-	102.8°C
Freezing Point	-	-2.4°C
Specific Gravity at 20°C	-	0.990
Ionic Nature	-	Nonionic



BACTERIOSTATIC ACTIVITY

Minimum Concentration (ppm of product)
for complete inhibition of growth in
Broth Cultures as determined by sub-cult

Organism

Gram Positive Bacteria

Bacillus cereus	21
Bacillus mycoides	32
Bacillus subtilis	14
Brevibacterium ammoniagenes	19
Cory. hofmannii	2
Staph. aureus P.	1
Staph. aureus C+	1
Staph. albus	1
Strep. faecalis	37
Strep. pyogenes	1
Sarcina Lutea	16
Sarcina Ureae	3

Gram Negative Bacteria

Enterobacter aerogenes	16
Escherichia coli	13
Herellea vaginicola	4
Klebsiella pneumoniae	1
Mima polymorpha	3
Proteus rettgeri	190
Proteus vulgaris	11
Salmonella typhimurium	12

STERI-SEPTIC BRAND "NM" GERMISTAT

TOXICITY

The acute LD₅₀ of STERI-SEPTIC BRAND "NM" GERMISTAT with rats is greater than 15,000 mgm./kgm. body weight.

APPLICATION PROCEDURES

An application range of 4.0 to 5.0%, based on fabric weight is recommended. The STERI-SEPTIC BRAND "NM" GERMISTAT can be applied from the pad bath, and liquor temperature has no effect on fabric pick-up of the product. Similarly, no temperature has little effect on exhaustion rates, no changes are required in exhaustion procedures, e.g. for softener application, when adding STERI-SEPTIC BRAND "NM" GERMISTAT. STERI-SEPTIC BRAND "NM" GERMISTAT can be added to the dyestuffs and auxiliaries used in all normal textile dyeing, and will confer durable bacteriostatic activity to the finished, dyed goods with no changes in dyeing procedure being required.

PRECAUTIONS

STERI-SEPTIC BRAND "NM" GERMISTAT in the concentrated form should be handled with care and common sense time should be accorded to all biologically active chemicals. In case of contact, remove and launder contaminated clothing before reuse.
