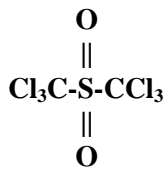




N-1386

BIS (TRICHLOROMETHYL) SULFONE



N-1386 is an industrial biocide useful in controlling undesirable growths of algae, bacteria, and fungi. It is suggested for use as a slimicide in production of paper and paperboard and as a preservative in adhesives, latexes, secondary oil well recovery, and cooling water.

TYPICAL PROPERTIES

Description:..... Off-white crystalline powder
 Odor: Pungent, aromatic lachrymator
 Melting Point, 25 °C:..... 36 - 38
 Density, gm./ml., 20° C: 2.0
 Water, %: 0.1 - 0.2
 Inorganic Chloride: Nil
 Molecular Weight: 301

EFFECTIVITY

Minimum Inhibitory
 Concentration, Agar
 Dilution (ug./ml.)

BACTERIA	
<i>Aerobacter aerogenes</i>	25
<i>Bacillus cereus</i>	50
<i>Brevibacterium ammoniagenes</i>	(50)
<i>Desulfovibrio desulfuricans</i>	(1)
<i>Escherichia coli</i>	50
<i>Pseudomonas aeruginos</i>	50
<i>Staphylococcus aureus</i>	50

FUNGI

N-1386 is approved by FDA under the Code of Federal Regulations Title 21 for the following applications:

176.300Fungicides

175.105Adhesives (Preservatives only)

176.180Components of paper and paperboard in contact with dry food
(for use only as a preservative in coatings)

AG CANADA APPROVAL

Registration Numbers:	N-1386	Technical	18874
	N-1386	HG	19208
	N-1386	HAN	24646



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CHEMICAL SOLUTIONS FOR MICROBIOLOGICAL PROBLEMS