

Spectrowax Corporation

DATA SHEET
EPA Reg No. 17217-4

ACCEPTED

SEP 14 1977

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
EPA Reg. No. 17217-4
registered under

SPECTROCIDE

EFFECTIVENESS AGAINST MICRO-ORGANISMS:

USE-DILUTION CONFIRMATION:

Effective at two ounces per gallon of water against *Staphylococcus aureus*, ¹ ATCC #6538, *Salmonella choleraesuis*, ² ATCC #10706 and *Pseudomonas aeruginosa*, ³ ATCC #15442.

PHENOL COEFFICIENTS:

44 against *Staphylococcus aureus*, ¹ ATCC #6538 and 28 against *Salmonella typhosa*, ⁴ ATCC #6539 at two ounces per gallon of water.

FUNGICIDAL EFFICIENCY:

Kills *Trichophyton interdigitale*, ⁵ Strain #640 at two ounces per gallon of water.

SANTIZING EFFICIENCY:

Test results against *Staphylococcus aureus*, ¹ ATCC #6538 and *Escherichia coli*, ⁶ ATCC #11229 establish a 99.999% reduction in bacteria count when used at dilutions of 2.8 oz. in 5 gallons of water (in presence of synthetic hard water of 250 ppm hardness).

VIRUCIDAL EFFECTIVENESS:

⁷ Effective at two ounces per gallon of water against Influenza A₂ (Hong Kong), ⁸ Herpes simplex, ⁹ Vaccinia virus ⁹ and Adenovirus type 5¹⁰

¹ A cause of food poisoning, blood poisoning, boils and other skin diseases.

² A highly contagious contaminant of food and water, causative of Typhoid fever.

³ A highly resistant bacteria. Causes disease in humans; spoilage of emulsions, cosmetics, paints, etc. in industry.

⁴ A highly contagious contaminant of food and water. Causative of Typhoid fever.

⁵ A causative fungus of "athlete's foot" disease.

⁶ A causative bacteria of inflammation of the urinary tract.

⁷ A causative virus of flu.

⁸ A causative virus of cold sores and fever blisters.

⁹ A causative virus of small pox.

¹⁰ A causative virus of acute respiratory disease.

SPECIFICATIONS:

ACTIVE INGREDIENTS:

n-alkyl (60%C14, 30%C16, 5%C12, 5%C18) dimethyl benzyl ammonium chlorides—2.25%; n-alkyl (66%C12, 32%C14) dimethyl ethylbenzyl ammonium chlorides —2.25%; sodium carbonate—3.0%; tetrasodium ethylenediamine tetra acetate—1.0%.

TOTAL 9.9%

INERT INGREDIENTS:

99.6 91.1%

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17217-4

pH OF CONCENTRATE

11.8 ± 0.5

pH OF 1:10 DILUTION

11.1 ± 0.5

TOTAL SOLIDS

13.0 ± 0.5

FOAMING

Moderate, but breaking easily

TEMPERATURE STABILITY

No separation or loss of effectiveness from extreme heat or cold.

STORAGE STABILITY

One year minimum under normal conditions.

CORROSION FACTOR

Non-corrosive to metals and washable surfaces.

VISCOSITY

Free flowing liquid, 6 cps ±.

BIODEGRADABILITY

Both detergent base and germicides rated biodegradable

PHOSPHATE CONTENT

None

SOLUBILITY

Mixes readily in hot or cold, soft or hard water

DISCOLORATION

Non-staining to hard surfaces

FLASH POINT

None, completely non-flammable

SPECIFIC GRAVITY

1.055 ± 0.010

DENSITY

0.91 ± 0.00

manufacturing specialists of the finest industrial floor care products

