

methanol

formaldehyde and two quaternaries,



SANI-SQUAD®

An Effective Disinfectant and Deodorizer

Active Ingredients:

Methyldodecylbenzyl Trimethyl Ammonium Chloride . . .	1.00%
Methyldodecylxylylene bis (Trimethyl Ammonium Chloride)	0.42%
Formaldehyde	27.78%

Inert Ingredients 70.11%

DANGER: KEEP OUT OF REACH OF CHILDREN



POISON



See Other Precautions on the Left Panel



Net Contents: 1 GALLON (3.785 liters)

VINELAND LABORATORIES
Affiliate of IGI, Inc. Vineland, NJ (USA) 08360

SANI-SQUAD when used as directed will destroy the following organisms at 1:100 solution: *Staphylococcus aureus*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*.

SANI-SQUAD is a combination disinfectant. It contains ~~formaldehyde, two quaternaries, and a phenolic~~ all of which are individually usable as disinfectants. In combination and at recommended dilution levels, each component chemically active and effective. When combined, you not only get the individual compound effect but also a synergistic action that makes the combination more effective than any of its individual components.

When one part of SANI-SQUAD is diluted with 100 parts of water it will provide a use level solution containing 0.25% formaldehyde, ~~200 ppm quaternary, and 250 ppm of its phenolic agent~~.

SANI-SQUAD is very active in the presence of organic matter because of its formaldehyde content. It also has a residual bacteriostatic effect because of its quaternary ~~and phenolic~~ content. Its pleasant odor comes from ~~its phenolic portion~~.

Storage & Disposal

Store in original container in a safe place. Do not store, pour or use near heat or open flame. Do not reuse container. Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Precautionary Statements

Hazards to Humans and Domestic Animals:

DANGER: Corrosive. Causes eye and skin damage. Methanol may cause blindness. May be fatal if swallowed, inhaled or absorbed through skin. May produce severe burns. Do not get in eyes, on skin or on cloth. Wear goggles, or face shield and rubber gloves when handling. Avoid breathing spray mist. Wash thoroughly after handling.

FIRST AID: In case of contact immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, get medical attention at once. Remove and wash contaminated clothing before reuse.

PRACTICAL TREATMENT: If swallowed: call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

Do not use in milking stalls, milking parlors or milk houses.

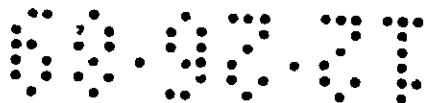
Physical and Chemical Hazards:

SANI-SQUAD has a base of 24.91% alcohol which prevents freezing as well as acting as a solvent for a variety of substances on inanimate surfaces which are to be disinfected.

Net No

EPA Est. No. 6035-NJ-2

EPA Reg. No. 6035-33AA



and 200 ppm quaternary.

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Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12. Active to Inert Change in Status.

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RIGHT PANEL

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use SANI-SQUAD dilution as recommended in the Dilution Chart for purpose intended.

SANI-SQUAD	Water	Dilution Chart For:
1 part	50 parts	Severely contaminated equipment and premises, disease outbreaks or for sanitary removal of litter
1 part	100 parts	General disinfectant and for immersion disinfection
1 part	200 parts	Sanitizing equipment and clean areas
1 part	300 parts	General cleaning of noncontaminated areas and for use prior to formaldehyde fumigation.

Remove all animals, poultry and loads from premises, cars, buses, trucks, cages and crates. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by all poultry and animals. Empty all troughs, racks, and other feeding and watering appliances. Remove all hoppers, cages and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers. Ventilate buildings, cars, buses, coops and other closed spaces. Do not house poultry, livestock or display equipment until treatment has been absorbed, air or dried. All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be thoroughly scrubbed with detergent and rinsed with potable water prior to reuse. Saturate surfaces with recommended solution.

(1) GENERAL DISINFECTION

Disinfecting hog houses, farrowing houses, feeders and other equipment, horse stables and sick pens of race tracks or sale barns, hospital pens, calf pens and equipment. Disinfecting houses used for poultry, turkeys, ducks and game birds and for equipment used in breeding, growing and laying quarters. Disinfecting trucks, crates, scale and other equipment used in the moving of chickens, turkeys, hogs, cattle, sheep and horses. Disinfecting dog and cat kennels as well as laboratory animal facilities, at veterinary hospitals, research laboratories and medical institutions. Spraying cattle pens, chutes, loading equipment, trucks, and animal manure pits for the control of odor and ammonia.

(2) LITTER AND CONCRETE SANITATION

SANI-SQUAD produces a sizeable drop in bacterial count when contaminated soil is exposed to a 1:50 dilution, and thus can be used in the sanitization of concrete near or in animal quarters prior to placement of litter and for the sanitary removal of litter and soil.

(3) VIRUSES

SANI-SQUAD at a 1:100 dilution will destroy Newcastle disease, Bronchitis, Laryngotracheitis, Foot-and-Mouth and Avian Encephalomyelitis viruses within 30 minutes when used as directed. To destroy the avian viruses named, SANI-SQUAD should be used at the 1:100 dilution or less. The virus infected material must be exposed to this dilution for a minimum of 30 minutes. Sufficient volumes of this dilution must be used to insure extended contact.

SANI-SQUAD has been found to destroy foot-and-mouth virus (Marek's Disease) when tested at a dilution of 1:50 and exposed for 10 minutes and 1:100 exposed for 20 minutes as well as the Gumboro disease agent (ISA) at a dilution of 1:100 exposed for 30 minutes and Infectious Bovine Rhinotracheitis virus (IBR) at a 1:100 dilution for 30 minutes in laboratory experiments. The significance of these results in the use of SANI-SQUAD as directed in the environmental sanitation program has not been established.

(4) DRESSING PLANT USE

Use SANI-SQUAD at 1:100 dilution to sanitize equipment, utensils, walls and floors in poultry and animal dressing plants. Equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Use SANI-SQUAD at 1:50 dilution to sanitize effer rooms,宰宰室 and loading platforms of dressing plants.

(5) FARM HATCHERY EGG TREATMENT

The contaminants on hatching egg shells have proven to be a stubborn problem for both chick and poult producers. SANI-SQUAD can be used for egg dipping to sanitize the egg shell by immersing freshly laid hatching eggs in a 1:100 dilution of SANI-SQUAD for 1 minute and then allowing eggs to air before delivery to the hatchery in baskets, plastic or cardboard flats and egg cases which were fumigated or disinfected. Care must be taken to insure that the dip solution containing SANI-SQUAD is warmer than the hatching eggs to prevent the infusion of the disinfectant into the eggs. Warm tap water (120° to 130° F) is ideal for making warm solutions of SANI-SQUAD for egg dipping, sanitizing or cleaning.

(6) FOR HATCHERY USE

SANI-SQUAD at a 1:200 or 1:300 dilution should be used in the hatchery for washing down trays, floors, racks, utensils and equipment for the incubation and hatching of chicks, poult, geese, ducks, pheasants and quail.

During cleanups between hatches, incubators and hatcheries should be fogged down or sprayed at a 1:100 dilution after all foreign matter has been thoroughly removed from the equipment. Fogging before cleanup of equipment and after cleanup is an adjunct to manual disinfecting procedures and greatly reduces the possibility of spread of disease. SANI-SQUAD at 1:100 dilution is especially adapted for use through the VIRULEND MISTERS which disperse the dilute product as a fine fog. During the hatching, SANI-SQUAD at 1:100 can be fogged up again using into hatchery units for periods of 3 to 5 minutes. This is an adjunct to acceptable manual disinfecting procedures of environmental surfaces and will help to provide sanitary areas for the ready to hatch eggs.

SANI-SQUAD is especially adapted for use through atomizers during a preparation art to deliver one ounce per gallon SANI-SQUAD can be fed directly into the incubator or hatchery humidity water lines. In the hatchery the use of SANI-SQUAD in this fashion can produce an atmosphere in which the concentration of organisms is reduced.

If mortality after hatching from omphalitis occurs, use SANI-SQUAD at 1:100 dilution for the succeeding hatches until the problem disappears, then reduce the SANI-SQUAD concentration to 1:200, then to 1:300 to hold problem in check.

Check bacterial counts of both incubators and hatcheries before and after disinfection to determine effectiveness. Consult with your Veterinarian, Extension Man or County Agent for help in setting up your sanitation and disinfection programs.

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