

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

Adam Swader,
Athea Laboratories, Inc.,
P.O. Box 240014,
Milwaukee, WI 53224

APR 18 2011

Subject: Neu-Quat 64
EPA Reg. No.: 10088-106
Receipt Date: January 19, 2011
EPA Receipt Date: January 25, 2011
Submissions #: 872271

Dear Mr. Swader,

The following amendment submitted in connection with registration under Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment:

- Label change per Storage and Disposal Container Rule (40CRF 156)

General Comments:

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions or comments concerning this letter, please contact Velma Noble PM Team 31 at (703) 308-6233.

Sincerely,

Velma Noble,
Product Manager, Team 31
Regulatory Management Branch
Antimicrobials Division (7510P)

CONCURRENCES

Name	→						
Date	→						

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: Corrosive. Causes irreversible eye damage. Harmful if inhaled. Avoid breathing spray mist. Harmful if absorbed through skin. Avoid contact with skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

For information on product, usage, etc., call 1-800-743-6417

Environmental Hazards (5 gallons or greater): Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

NEU-QUAT 64

**NEUTRAL
DISINFECTANT - CLEANER - DEODORIZER
CONCENTRATE**

• ONE STEP DOES IS ALL •

EFFECTIVE AT 2 FL OZ /GALLON (1:64) DILUTION

A HOSPITAL-USE AND BROAD SPECTRUM
DISINFECTANT/ANTIMICROBIAL AGENT,
DETERGENT CLEANER, AND DEODORIZER

FOR USE ON HARD NONPOROUS INANIMATE SURFACES
(IN/ON INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, RESIDENTIAL,
AND MEDICAL FACILITIES, EQUIPMENT, AND VEHICLES

Virucidal* - Fungicidal - Bactericidal

Pseudomonocidal • Staphylocidal • Salmonellucidal

Controls Mold/Mildew Fungi

(Specific species/agents listed on side panel)

**KILLS HIV-1 (AIDS virus) AND HERPES SIMPLEX TYPE 1 & TYPE 2 VIRUSES
ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY
SOILED WITH BLOOD/BODY FLUIDS.**

ACTIVE INGREDIENTS:

Didecyl dimethyl ammonium chloride2.43%
n-Alkyl (50% C₁₄, 40% C₁₂, 10% C₁₆)

dimethyl benzyl ammonium chloride1.62%

INERT INGREDIENTS: 95.95%

TOTAL100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side panel for additional precautionary statements.

EPA REG. NO. 10088-106

EPA EST. 10088-WI-1

NET CONTENTS:

(Insert container size here, expressed in gallons/ounces
with the option to add the metric equivalent.)

Manufactured By:

**Athea Laboratories Inc
PO Box 240014
Milwaukee, WI 53224**

ACCEPTED
APR 18 2011
0179.051810
Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 10088-106

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

**GENERAL USE DIRECTIONS FOR
CLEANING/DISINFECTING/DEODORIZING:**

Not for use on living humans or animals. Do not use in combination with soap or any other product. Working solution should be freshly prepared, used only once, and then discarded; it may not disinfect properly if reused, diluted, or soiled. Prepare the working solution by diluting 2 fl oz of this concentrate to 1 gallon (16 mL/L) with potable (drinking) water. Remove gross filth and heavy soil deposits from surfaces. Apply the working solution with a mop, sponge, cloth, or by spraying or soaking, making sure surfaces are thoroughly wetted. Allow surface(s) to air dry. Except for HIV-1 (see below), complete disinfection requires a minimum contact time of 10 minutes at about 20°C (68°F). Rinsing is not necessary unless surfaces are to be coated (waxed, polished, painted, etc.).

AS A MILDEWSTAT:

Apply working solution to surfaces as directed above, making sure they are thoroughly wetted. Allow to air dry. Repeat application weekly, or when growth reappears.

**KILL HIV (AIDS Virus) ON PRE-CLEANED
ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY
SOILED WITH BLOOD/BODY FLUIDS**

in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be with the potential for transmission of Human

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Immunodeficiency Virus Type 1 (HIV-1)(associated with AIDS)

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATING AGAINST HIV-1 ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

PERSONAL PROTECTION - Appropriate barrier protection items such as disposable latex or vinyl gloves, gowns, face masks, or eye coverings must be worn during decontamination procedures and when cleaning/handling items soiled with blood/body fluids.

CLEANING PROCEDURE - Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of this product as a disinfectant.

CONTACT TIME - Effective against HIV-1 in 4 minutes at room temperature (20 to 25°C; 68 to 77°F). A 10 minute contact time is required for all other viruses, bacteria, and fungi claimed on this labeling.

DISPOSAL OF INFECTIOUS MATERIALS - Blood/body fluids and other materials removed from or used to clean surfaces/objects should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

FEATURES, CLAIMS, AND USES

A labor-saving one-step concentrated multi-purpose antimicrobial/disinfectant/germicidal detergent/deodorizer/cleaner for use on hard, nonporous, inanimate surfaces. The combination of detergents and emulsifiers quickly cuts through and removes dirt, grease, oils, scum, and grime. Its "neutral" pH allows usage on many materials and surfaces that otherwise could be damaged by more alkaline or acidic products.

Virucidal, bactericidal, fungicidal, and mildewstatic at a 2 fl oz/gallon (16 mL/L; 1:64; 600 ppm active "quat") dilution in hard water (up to 400 ppm hardness calculated as CaCO₃) in the presence of 5% organic soil (blood serum) load when tested by the appropriate AOAC or virucidal qualification method. (modified to use hard water and organic soil load).

Virucidal* against: Adenovirus Type 4 • Canine distemper • Feline leukemia • Feline panleukopenia • Feline picornavirus • Herpes simplex Type 1 • Herpes simplex

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Product Name: Neu-Quat 64
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Type 2 • HIV-1 (AIDS virus; Human Immunodeficiency virus Type 1) • Infectious bovine rhinotracheitis • Infectious Bronchitis (Avian IBV) • Influenza A/Hong Kong • Porcine parvovirus • Pseudorabies • Rabies • Rubella (German measles) • Vaccinia.

Effective against the following pathogenic bacteria: Bordetella bronchiseptica • Chlamydia psittaci (Psittacosis strain) • Enterobacter aerogenes • Enterobacter cloacae • Enterococcus faecalis* (Streptococcus faecalis) • Escherichia coli* • Fusobacterium necrophorum • Klebsiella pneumoniae* • Pasteurella multocida • Proteus mirabilis • Proteus vulgaris • Psuedomonas aeruginosa* • Salmonella choleraesuis • Salmonella typhi • Salmonella typhimurium • Serratia marcescens • Shigella flexneri • Shigella sonnel • Staphylococcus aureus* • Staphylococcus epidermidis (antibiotic-resistant) • Streptococcus pyogenes.

* Both antibiotic-resistant and regular bacterial strains.

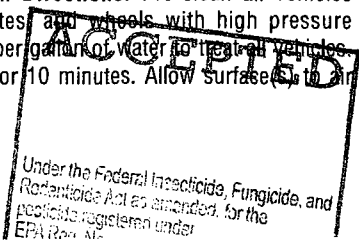
Fungicidal against: Candida albicans and Trichophyton mentagrophytes (agent that causes athlete's foot fungi) in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. Follow disinfection directions.

Mildewstatic: Inhibits the growth of fungi (such as Aspergillus niger) that cause mold/mildew and their odors on hard, nonporous, inanimate surfaces, including walls, floors, and table tops.

FOR USE ON: Most hard nonporous surfaces: glazed ceramic, elastomeric, metallic, and plastic surfaces; including glass, glazed porcelain, rubber, aluminum, copper, iron, stainless steel, steel, ABS, bakelite, enamel, polyester, polyethylene, polypropylene, and vinyl.

RECOMMENDED FOR USE IN/ON: Industrial, Institutional, Commercial, Residential, and Medical Facilities, Equipment, and Vehicles, such as hospitals, nursing homes, schools and colleges, veterinary clinics and animal life science laboratories, pet shops, kennels, breeding and grooming establishments, tack shops, hotels and motels, airports, and households; and on floors and walls.

Vehicle Disinfection Directions: Pre-clean all vehicles including mats, crates, and wheels with high pressure water. Use 2 fl. oz. per gallon of water to treat all vehicles. Leave surfaces wet for 10 minutes. Allow surfaces to air dry.



(OPTIONAL USES AND CLAIMS AND DIRECTIONS)
FEATURES, CLAIMS, AND USES

A HOSPITAL-USE AND BROAD SPECTRUM DISINFECTANT/ANTIMICROBIAL AGENT, DETERGENT CLEANER, AND DEODORIZER

FOR USE ON HARD, NONPOROUS, INANIMATE SURFACES IN/ON INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, RESIDENTIAL AND MEDICAL FACILITIES, EQUIPMENT, AND VEHICLES

Virucidal* - Fungicidal - Bactericidal
Pseudomonocidal • Staphylocidal • Salmonellicidal
Controls Mold/Mildew Fungi
(Specific species/agents listed below.)

KILLS HIV-1 (AIDS virus) AND HERPES SIMPLEX TYPE 1 & TYPE 2 VIRUSES ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS.

Virucidal* against:

- Adenovirus Type 4
- Canine Distemper
- Infectious bronchitis(Avian IBV)
- Feline leukemia
- Influenza A/Hong Kong
- Porcine parvovirus
- Pseudorabies
- Rabies
- HIV-1(AIDS virus: Human Immunodeficiency virus Type 1)
- Rubella (German measles)
- Infectious bovine rhinotracheitis
- Feline panleukopenia
- Feline picornavirus
- Herpes simplex Type 1
- Herpes simplex Type 2
- Vaccinia

Bactericidal against:

- Bordetella bronchiseptica
 - Chlamydia psittaci (Psittacosis strain)
 - Enterobacter aerogenes
 - Enterobacter cloacae
 - Enterococcus faecalis* (Streptococcus faecalis)
 - Escherichia coli*
 - Fusobacterium necrophorum
 - Klebsiella pneumoniae*
 - Staphylococcus epidermidis
 - Pasteurella multocida (antibiotic-resistant)
 - Proteus mirabilis
 - Proteus vulgaris
 - Psuedomonas aeruginosa*
 - Salmonella choleraesuis
 - Salmonella typhi
 - Salmonella typhimurium
 - Serratia marcescens
 - Shigella flaxneri
 - Shigella sonnel
 - Staphylococcus aureus*
 - Streptococcus pyogenes
- * Both antibiotic-resistant and regular bacterial strains.

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Virucidal* against: Andenovirus Type 4 (an andenovirus); Canine distemper (a myxovirus); Feline leukemia (a retrovirus); Feline panleukopenia (a parvovirus); Feline picornavirus (a calcivirus); Herpes simplex Type 1 (a herpesvirus); Herpes simplex Type 2 (a herpesvirus); HIV-1(AIDS virus; Human Immunodeficiency virus Type 1; a retrovirus that causes "AIDS"); Infectious bovine rhinotracheitis (a herpesvirus); Infectious bronchitis (Avian IBV)(a coronavirus); Influenza A/Hong Kong (an orthomyxovirus); Porcine parvovirus (a parvovirus); Pseudorabies (a herpesvirus); Rabies (a rhabdovirus); Rubella(German measles)(a togavirus); and Vaccinia (a poxvirus).

Effective against the following pathogenic bacteria: Bordetella bronchiseptica, Chlamydia psittaci (Psittacosis strain VR-854), Enterobacter aerogenes, Enterobacter cloacae, Enterococcus faecalis* (Streptococcus faecalis), Escherichia coli*, Fusobacterium necrophorum, Klebsiella pneumoniae*, Pasteurella multocida, Proteus mirabilis, Proteus vulgaris, Psuedomonas aeruginosa*, Salmonella Choleraesuis, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella flexneri, Shigella sonnei, Staphylococcus aureus*, Staphylococcus epidermidis (antibiotic resistant), and Streptococcus pyogenes.
* Both antibiotic-resistant and regular bacterial strains.

RECOMMENDED FOR USE IN/ON: Funeral homes, mortuaries, and morgues; on poultry and turkey farms, equine farms, sheep farms, dairy and beef farms, and hog farms.

For use in meat and poultry plants as a general cleaning agent on all surfaces, or for use with steam or mechanical cleaning devices in all departments. Before use of this compound, food products and packaging materials must be removed from the area or carefully protected. After use, all surfaces in the area must be thoroughly rinsed with potable (drinking) water.

DIRECTIONS FOR USE:

FOR USE IN FUNERAL HOMES; CLEANSING AND SANITIZATION OF BODY SURFACES AND BODY ORIFICES OF HUMAN REMAINS (to cleanse away skin secretions and accompanying malodor, to ensure removal of all soil and blood stains, and to remove and reduce surface contamination). Apply the 2 fl oz/gallon working solution to the surface and body openings, natural or artificial. Bathe

the entire body, using a sponge or washcloth. A soft handbrush may be employed on surfaces other than the face. For optimal results, allow a 10 minute contact time. Prepare a fresh solution for application to each remains.

FOR DISINFECTING ANIMAL LIFE SCIENCE LABORATORIES, VETERINARY CLINICS, PET SHOPS, KENNELS, BREEDING & GROOMING ESTABLISHMENTS, AND FARMS.

Remove all animals and feeds from premises, vehicles, crates, and other enclosures to be treated. Remove all litter, droppings, and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with detergent and rinse with water. Saturate all surfaces with the recommended disinfecting solution for at least 10 minutes. Allow surface(s) to air dry. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. After use, ventilate buildings, coops, cars, boats, and other closed spaces. Do not house animals, or employ equipment until treatment has been absorbed or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with detergent, and rinse with potable (drinking) water before reuse.

For Use In Animal Life Science Laboratories, Veterinary Clinics, Pet Shops, Kennels, Breeding & Grooming Establishments, and Farms.

STORAGE AND DISPOSAL

Containers 5 gallons or less:
Do Not Contaminate Water, Food, or Feed By Storage or Disposal.

Pesticide Storage: Store in a dry place no lower in temperature than 50°F or higher than 120°F.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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.

Container Disposal: Non-refillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Drain for 10 seconds after flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

Containers greater than 5 gallons:
Do Not Contaminate Water, Food, or Feed By Storage or Disposal.

Pesticide Storage: Store in a dry place no lower in temperature than 50°F or higher than 120°F.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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.

Container Disposal: Non-refillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

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Manufactured By:

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