UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 28, 2017

Kevin R. Kutcel
Agent for The Doris Company
KRK Consulting LLC
5807 Churchill Way
Medina, OH 44256

Subject: Label Amendment – Label updates, addition of optional marketing statements
Product Name: Aquavert
EPA Registration Number: 92604-1
Application Date: March 10, 2017
Decision Number: 527255

Dear Mr. Kutcel:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Donna Kamarei at (703)347-0443 or via email at Kamarei.donna@epa.gov.

Sincerely,

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

AQUAVERT

ACTIVE INGREDIENT:
Hypochlorous acid……. 0.018%
Other ingredients:
Water……..99.982%
Total……...100.000%

KEEP OUT OF REACH OF CHILDREN

EPA Registration number: 92604-1 EPA establishment number: 090567-IL- 001

Manufactured by:
The Doris Company
1541 S. Shields Drive
Waukegan, IL 60085

www.aquavertclean.com

Batch Number:

Net Contents: 2 fl oz, 4 fl oz,16 fl oz, 24 fl oz, 32 fl oz ,1 gallon, 5 gallons, 55 gallons, 275 gallons, 330 gallons

ACCEPTED
06/28/2017
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 92604-1

(OPTIONAL MARKETING STATEMENTS)

Aquavert solutions are:

1) ~~A~~ffordable sanitizer.
2) Cleans, deodorizes and sanitizes all in one step.
3) Non-corrosive and non-flammable.
4) Does not require mixing, dilution, heating or protective equipment
5) Produced by electrolysis of weak solution of sodium chloride in a single stage process with controlled pH and concentration measured as Free Available Chlorine (FAC)
6) Can be used to sanitize homes, restaurants, hospital kitchens, institutional facilities, commercial facilities, athletic facilities, and industrial applications.
7) No water rinsing is necessary for food contact surfaces after sanitization.
8) Contains no VOC (Volatile Organic Compounds).
9) Ready to use sanitizer (RTU).
10) Multi-surface sanitizer
11) Sanitizer to Go
12) Kills Harmful Bacteria
13) Kills Harmful Bacteria (insert bacteria from Table 1)
14) Kills 99.99% of germs* (see Table 1) and bacteria on hard non-porous surfaces
15) Glass sanitizer
16) 3 in 1 Formula (Cleaner, odor eliminator and sanitizer)
17) Kills 99.99% of Germs*(see Table 1) and Bacteria
18) NO RINSE – FOOD CONTACT SAFE
19) NO RINSING FOOD CONTACT SAFE
20) No Rinsing required, even on food contact surfaces
21) No rinsing, quick evaporation
22) No Rinsing Required
23) No Rinsing necessary after
24) NO BLEACH --- *or alternative* --- 0% BLEACH
25) NO AMMONIA --- *or alternative* --- 0% AMMONIA
26) NO ALCOHOL --- *or alternative* --- 0% ALCOHOL
27) NO VOC'S
28) No Phosphates or 0% phosphates
29) CLEAN, DEODORIZE AND (&) SANITIZE
30) NO FRAGRANCES OR DYES
31) Alternative to traditional chemical cleaners
32) Traditional chemical cleaning alternative
33) Made with HOCL
34) Made with Hypochlorous
35) Hypochlorous is made with salt, water and electricity
36) Antimicrobial Formula
37) Antimicrobial
38) Antimicrobial cleaner

39) It’s time to rethink cleaning chemicals
40) Rethink harsh chemical cleaning
41) Rethink harmful chemicals
42) Sanitizes like traditional chemicals
43) Small mobile device sanitizer
44) Mobile device sanitizer
45) Tablet Sanitizer
46) Antimicrobial mobile device cleaner
47) Keyboard sanitizer
48) Pet Toy sanitizer
49) Dorm room sanitizer
50) E.coli Control
51) Kills E. Coli
52) Aquavert Sanitizer to go
53) Aquavert Sanitizer on the go
54) Sanitize on the go
55) Spray and sanitize
56) Aquavert travel size sanitizer
57) Aquavert mini sanitizer
58) Sanitize school lockers
59) Office desk sanitizer
60) Work Space sanitizer
61) Work Station sanitizer
62) Eye Glasses sanitizer

SANITIZING APPLICATIONS

Aquavert is a one-step, multi-purpose cleaner, deodorant and sanitizer that kills bacteria that may cause food poisoning on hard non porous surfaces. Aquavert can be used in and around food processing areas to sanitize hard, non-porous food contact surfaces.

DIRECTIONS FOR USE

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

Hard, Non-porous Non-Food contact surface sanitization

To sanitize hard non-porous surfaces, spray Aquavert solution until thoroughly wet. Treated surfaces must remain wet for 5 minutes. Allow surface to air dry. Note: For heavily soiled surfaces a preliminary cleaning with a detergent is required.

Aquavert is an effective one step cleaner, deodorant and sanitizer to sanitize bacteria such as Salmonella enterica, Escherichia coli (E. coli), Listeria Monocytogenes (Listeria), Methicillin – Resistant Staphylococcus aureus (MRSA), Staphylococcus aureus, Klebsiella pneumoniae and Salmonella enterica.

Aquavert kills 99.99% of bacteria on hard, non-porous surfaces with 5% organic load in five minutes. To deodorize spray on surfaces as required.

Hard, Non-porous Food contact Surface sanitization

To sanitize hard non-porous food contact surfaces, spray Aquavert solution until thoroughly wet. Treated surfaces must remain wet for 1 minute (60 seconds). Allow surface to air to dry or wipe with paper towel or clean cloth. No water rinsing is necessary after treating with sanitizer solution.

Aquavert can be used to sanitize homes, schools, colleges, restaurants, bars, institutional and hospital kitchens, food processing facilities, supermarkets, grocery stores, industrial and commercial establishments.

To sanitize food processing equipment in restaurants, bars, dairies, supermarkets, grocery stores and food processing establishments.

Before applying sanitizing solution clean all food particles and soil by scrap, soak or spray. Remove all grease and oil from the equipment with a detergent, followed by water rinse before applying Aquavert solution. Spray Aquavert solution on equipment to be sanitized until thoroughly wet. Treated surfaces must remain wet for 1 minute. Allow air to dry or wipe with a clean cloth or paper towel. No water rinsing is necessary after applying Aquavert solution.

To sanitize Agricultural facilities

To sanitize livestock, poultry or dairy farms, remove all animals feed from the premises. Remove all liter, droppings and manure from the floors, walls and surfaces of barns occupied or traversed by animals. Remove all gross filth, thoroughly clean all surfaces with a detergent and rinse with water. Spray Aquavert on all surfaces to be sanitized. Saturate surfaces with Aquavert for 5 minutes. No water rinsing is required after applying sanitizer.

For longevity of cut flowers or plants mix 4 ounces (1/2 cup) of Aquavert solution per quart of water in flower vase or buckets to retard the growth of non-public health bacteria. Change solution if it gets hazy. Spray diluted solution on plants or flowers to control bacteria growth.

To sanitize boots:

Apply Aquavert solution by spray on surfaces to be sanitized and treated surfaces must remain wet for 5 minutes. After 5 minutes wipe clean with a clean cloth or paper towel.

To control odor-causing bacteria, mold and mildew on hard non porous surfaces.

Before applying sanitizer dry the surfaces off as much as possible, as moisture promotes mold and mildew growth. Apply Aquavert solution directly to the mold or mildew by spraying. Treated surfaces must remain wet for 5 minutes. Aquavert solution controls mold and mildew present in bathrooms, kitchens and other rooms with tiles or non-porous surfaces**.** To deodorize spray on surfaces as needed.

General cleaning applications

Spray Aquavert solution on hard, non-porous soiled surfaces, then wipe clean with a clean cloth or paper towel. To clean and deodorize toilet bowel and sink, spray Aquavert until thoroughly wet. Flush, brush then flush again.

To deodorize surfaces

Spray Aquavert solution on surfaces to be deodorized until thoroughly wet. Treated surfaces must remain wet for 5 minutes. Wipe clean with a paper towel or clean cloth.

To clean, remove and reduce specified allergens

Apply Aquavert, wait for 5 minutes and wipe clean with a paper towel or clean cloth. Allow to air dry. Aquavert breaks down non-living allergens: Dust mite matter, Dust mite debris, cockroach matter, cockroach debris, pet dander, dog dander, cat dander and pollen particles.

Oil and Gas Applications (Oil field biocide)

Fracking Water

For typical fracking water treatment, mix 10 gallons of Aquavert solution with 1000 gallons of fracking water to 2.0 ppm FAC to reduce and control the growth of non-public health bacteria to protect fracturing fluids and polymers.

Produced water

For produced water treatment, mix 50 gallons of Aquavert solution with 1000 gallons of produced water to 9.5 ppm FAC to reduce and control the growth of non-public health bacteria and odor.

Water Flood injection treatment

For water flood injection treatment, mix 50 gallons of Aquavert solution with 1000 gallons of injection water to 9.5 ppm FAC to reduce and control the growth of non-public health bacteria.

Sour Wells

For sour oil well water treatment, slug dose 336 gallons of Aquavert into the well bore on a daily or weekly basis to reduce and control the growth of non-public health bacteria, reduce hydrogen sulfide gas and restore well integrity.

Heater Treaters: Hydrocarbon storage facilities and gas storage wells

For typical storage facility treatment, mix 252 gallons of Aquavert solution into the water phase of the mixed hydrocarbon / water system to reduce the growth of non-public health bacteria, control the formation of hydrogen sulfide gas and reduce corrosion of storage tanks.

Oil and gas transmission lines:

For typical transmission line treatment, slug dose 420 gallons of Aquavert solution into the transmission line on a daily or weekly basis to control the growth of non-public health bacteria such as anaerobic sulfate – reducing bacteria (SRB) and reduce microbiologically influenced corrosion (MIC).

Metalworking fluid and Lubricants sump treatment (Tank side biocide)

For typical metal working fluid water treatment, mix 25 gallons of Aquavert solution for 500 gallons of metalworking fluid sump to 9.5ppm FAC to reduce and control the growth of non-public health bacteria and odor.

Table 1*			
Non-food contact surface list of Bacteria for sanitization applications	**ATCC #**	**Kill Rate**	**Organic soil**
Salmonella enterica	10708	99.985% in 2 minutes	5%
Salmonella enterica	10708	>99.999% in 5 minutes	5%
Escherichia coli (E. coli)	11229	99.985% in 2 minutes	5%
Escherichia coli (E. coli)	11229	>99.999% in 5 minutes	5%
Listeria Monocytogenes (Listeria)	984	>99.998% in 2 minutes	5%
Listeria Monocytogenes (Listeria)	984	>99.998% in 5 minutes	5%
Methicillin – Resistant Staphylococcus aureus (MRSA),	33591	>99.999% in 5 minutes	5%
Staphylococcus aureus	6538	>99.999% in 5 minutes	5%
Klebsiella pneumoniae	4352	>99.998% in 5 minutes	5%
Food-contact surface bacteria		Contact time	
Salmonella enterica	6539	1 minute (60 seconds)	5%

TABLE 2 Hard non-porous Food-contact Sites	
All food products and packaging must be removed or protected before applying Aquavert	
No water rinse is necessary after treating with Aquavert.	
Food contact sites	Food contact surfaces
Bars Cafeterias Coffee shops Convenient stores Donut shops Delis Grocery stores Institutional kitchens Hospital kitchens Homes School kitchens Supermarkets Restaurants All food serving and processing areas	Hard non porous Kitchen and buffet counter tops Beverage Equipment Beer Lines Bakery Equipment Blenders Cabinets Can openers Cutting boards Cupboards Exterior surfaces of microwaves, freezers, ovens, appliances, refrigerators, ranges, dish racks and toasters Food transportation trucks Food trays

	Hoods Ice machine Conveyor belts Grocery store carts Steam Tables Tables Slicers Yogurt and ice cream Equipment

TABLE 3 Sanitizer for Hard non-porous surfaces (Nursery)	
Sites	Sanitizing surfaces
Day care centers Preschool Indoor playgrounds Homes	Cribs Diaper pails Changing tables Highchairs High chair trays Potty chairs Playpens Strollers Toys

Table 4 General use of sanitizer	
Sites	Sanitizing surfaces
Athletic facilities	Appliances
Airports	Athletic equipment
Airlines	Automobile interiors
Amusement parks	Bath tubs
Automobiles	Banisters
Barber shops	Blinds
Buses	Cabinets
Boats	Cell phones (unplug connection and do not spray directly)
Bowling Alleys	
Cars	Computer (unplug connection and do not spray directly)
Churches	
Classrooms	Computer keyboards and monitor
Colleges	Countertops
Coffee Shops	Checkout counter
Correctional facilities	Desks
Convenience stores	Doorknobs
Convention centers	Dish racks
Cruise ships	Dish washers
Dental office	Drinking fountains
Dormitories	Dryers
Dressing rooms	Electronics
Factories	Electronic Devices
Funeral homes	Eyeglasses
Fire stations	Fax machines
Fitness Centers	Faucets
Health clubs	Floors
Hotels	Glass surfaces and mirrors
Homes	Glassware
Laundry rooms	Grills
Locker Rooms	Guest rooms and tables
Manufacturing plants	Hand rails
Motels	Hampers
Movie theatres	Haircutter blades
Nursing homes	Hair dryers
Office Buildings	Headsets
Police stations	Keyboards
Prisons	Kitchen tools
Preschool	Knives
Post office	Lamps
Rooms	Light switches
Restrooms	Linoleum
Schools	Litter boxes
Ships	Lunch boxes
Supermarkets	Mobile phones

Theme parks Trains Universities Wineries Yachts	Mobile phones and tablets Office cubicles Plastic patio furniture Pet bowls Pet feeding dishes Pet toys Plastic furniture Pipelines associated with oil and gas production Recycling bins Remotes School desk tops Showers Sinks Small electronics Small electronic devices Soap dispensers Steam rooms Saunas Tables Tablets (unplug connection and do not spray directly) Telephones Toilet seats Trash cans Tubs Towel dispensers Tweezers Urinal surfaces Utensils Vanities Walls Washing machine Windowsills Workstations

Table 5 Claims	
A Non Porous Hard Surface Sanitizer	Leaves streak free shine
Multi-Purpose Sanitizer	Made in the USA
Small Device Sanitizer	No harmful residue left after evaporation
Ammonia / Alcohol / phosphorous free formulation	No measuring Glass cleaner
Antibacterial	Kills germs
Antibacterial sanitizer	Kills 99.99% of germs and bacteria

Bathroom sanitizer Biocide Bactericide Cleans bathroom soil Cleans blood stains Cleans mildew stains Cleans fingerprints Colorless Contains no fragrances or dyes Deodorizer Effective under ambient temperature Eliminate odor Eliminate food odor Eliminate non-living allergens For cleaner, fresher homes Food-contact surface sanitizer	Kills odor causing bacteria No rinsing Non-flammable Non-corrosive One step cleaner, deodorant and sanitizer Oil field biocide Patent pending formulation Tank side biocide Multi-purpose cleaner, deodorant and sanitizer Kitchen sanitizer Nursery sanitizer Household sanitizer Institutional sanitizer Reduce the risk of cross-contamination between treated hard non-porous surfaces Removes stains Reduces non-living allergens Removes pet odors like urine or feces Sanitize without rinsing Tough on bacteria Use daily Use throughout your home on hard, non-porous surfaces Very low chemical load

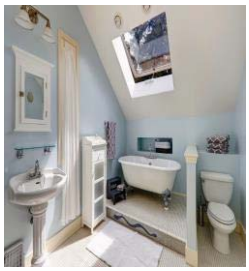
Table 6 Recommended materials	**Table 7 Do not use on these materials**
Chrome Hard, non-porous surfaces Formica Finished wood Glass Glazed ceramic tiles Glazed porcelain Laminated surfaces Laminated wood Plastic Plastic laminate Plexiglas Sealed fiberglass Stainless steel Sealed granite Sealed marble Vinyl tile	Aluminum Brass Clear plastic Clothes Copper Fabrics Painted surfaces Silver Unfinished wood Zinc

OPTIONAL PICTURES:

Kitchens

Nursery

Bathroom



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/Residential Packages:

Pesticide Storage and Disposal: Nonrefillable container. Store in cool, dry area away from heat and sunlight. Do not freeze. Do not reuse or refill this container. Place in trash or offer for recycling if available.

For industrial and commercial use packages:

Pesticide Storage: Store in a closed dark plastic container in cool, dry area away from heat and sunlight. Do not freeze. Do not store with easily oxidizable materials, acids and reducers. In case of spill, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding this container in trash.

Emergency Handling: In case of contamination or decomposition, do not reseal container. Isolate in open, well-ventilated area. Flood with large volume of water. Cool unopened containers in vicinity by water spray.

Pesticide Disposal: Pesticide wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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 EPA Regional Office for guidance.

Small Packages (5 gallons or less):

Container Handling: Nonrefillable rigid container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

For Rigid Nonrefillable Containers 5 gallons or more

Container Handling: Nonrefillable rigid container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning if available or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay clear of smoke.

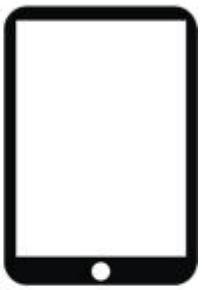
Container Handling: REFILLABLE CONTAINER. Refill this container with Aquavert only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Optional Graphics:

Monitor

Laptop Computer

Cell Phone



Eyeglasses