

5741-20

9/17/2010

1/8

SEP 14 2010

Mr. Ronald T. Cook  
Mgr. Regulatory Affairs  
Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537

Subject: **DMQ**  
EPA Registration Number 5741-20  
Letter Dated: June 25, 2010  
EPA Received Data: July 2, 2010

Dear Mr. Cook:

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

**Proposed Labeling:**

- Per EPA Letter dated 12/20/09
- PR Notice 2007-4 language for two container options

**General Comments:**

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy 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 Drusilla Copeland at (703) 308-6224.

Sincerely,



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

Enclosure: Label		CONCURRENCES					
SYMBOL							
SURNAME							
DATE							

**Front Copy**

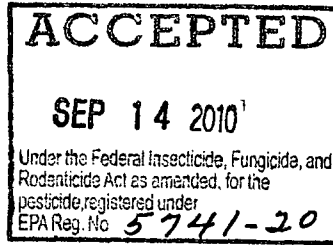
**DMQ®**

Damp Mop Neutral Disinfectant Cleaner

Non-Acid Disinfectant Bathroom Cleaner

Clean on the Go® 1

For use only with Spartan Clean on the Go dispenser.



Non-alkaline disinfectant cleaner concentrate specially designed to clean and disinfect high gloss floors!  
Non-acid disinfectant cleaner concentrate specially designed to clean and disinfect toilet bowls and restroom surfaces!

Sanitizer at 2 oz. per gallon.  
30 Second Sanitizing Activity!  
Sanitizes in 30 Seconds  
Bactericide/Virucide\*  
Effective against Antibiotic-Resistant Bacteria\*\*  
Kills 99.9% of bacteria\*\*\* in 30 Seconds.

Kills Staphylococcus aureus and Salmonella enterica.  
\*Kills Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), HIV-1 (AIDS Virus), Herpes simplex Virus Type 2 and Influenza A<sub>3</sub>/Hong Kong viruses on hard, nonporous inanimate surfaces.  
\*\*Kills Staphylococcus aureus-MRSA and Enterococcus faecalis-VRE.  
\*\*\*Staphylococcus aureus and Enterobacter aerogenes

*(Note to EPA, the following kill claim expression is optional:)*

Kills Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 10708).  
\*Kills Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), HIV-1 (AIDS Virus), Herpes simplex Type 2 and Influenza A<sub>3</sub>/Hong Kong viruses on hard, nonporous inanimate surfaces.  
\*\*Kills Staphylococcus aureus-MRSA (ATCC 33593) and Enterococcus faecalis-VRE (ATCC 51575).  
\*\*\*Staphylococcus aureus and Enterobacter aerogenes (ATCC 13048)

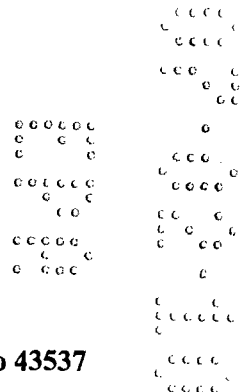
<b>ACTIVE INGREDIENT:</b>	
Alkyl (C <sub>14</sub> -50%, C <sub>12</sub> -40%, C <sub>16</sub> -10%)	
dimethyl benzyl ammonium chlorides.....	4.50%
<b>INERT INGREDIENTS:</b> .....	<b>95.50%</b>
<b>TOTAL:</b> .....	<b>100.00%</b>

E.P.A. Reg. No. 5741-20 E.P.A. Est. No. 5741-OH-1

Keep Out of Reach of Children  
**DANGER**  
See side panel for additional precautionary statements.

**FOR COMMERCIAL AND INDUSTRIAL USE**  
**SPARTAN CHEMICAL COMPANY, INC., 1110 Spartan Drive, Maumee, Ohio 43537**

NET CONTENTS:



**Back Side Copy**

**DMQ®**

Damp Mop Neutral Disinfectant Cleaner

Non-Acid Disinfectant Bathroom Cleaner

DMQ retains the beauty of high gloss floors with the added effectiveness of a disinfectant!

Formulated for use in daily maintenance programs, DMQ is a proven one-step cleaner disinfectant in the presence of moderate amounts of organic soil.

This product [or product name] is a non-acid formulation designed to disinfect, sanitize, clean and deodorize [insert surfaces] [and]. This product [or product name] is for use [throughout] [the] [in] [and] [Insert use sites]

This product [or product name] is used to clean, disinfect, sanitize, and deodorize [Insert Surfaces] [throughout] [the] [in] [and] [Insert use sites]

This product [or product name] is a non-acid formulation designed to disinfect, sanitize, clean and deodorize [Insert Surfaces] [throughout] [the] [in] [and] [Insert use sites]

*[Surfaces:]*

Countertops, floors, walls, glazed ceramic tile, glazed porcelain, shower walls, toilet bowls, urinals, chrome, shower curtains and doors, vanity tops, tub and sink surfaces and fixtures, bathtubs, showers, sinks, fiberglass, synthetic marble, stainless steel, glass, vinyl, other hard nonporous bathroom surfaces, other hard, non-porous environmental surfaces.

*[Use Sites:]*

Schools, public buildings, restaurants, bars, cafeterias, office buildings, transportation terminals, lodging/hospitality establishments, hotels, motels, churches, factories, manufacturing sites/facilities, food processing plants, apartment buildings, athletic/recreation facilities, public restrooms, homes, home, bathroom, bathrooms, restrooms.

DMQ provides 700 ppm of quaternary germicide at use-dilution.

**Directions for Use:**

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

Preliminary cleaning is required for heavily soiled areas.

**One-Step Cleaning and Disinfecting Toilet Bowls and Urinals**

1. Remove water from the bowl by forcing it over the trap with a swab mop.
2. Liberally apply DMQ at 2 oz. per gallon of water to the exposed surfaces. Swab the exposed surfaces including under the rim.
3. Allow DMQ to remain wet on surfaces for 10 minutes.
4. Flush toilet or urinal and rinse swab mop thoroughly.

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**One-Step Cleaning/Deodorizing/Disinfecting Hard, Non-Porous Surfaces:**

For one-step cleaning, deodorizing, and disinfecting in the presence of 5% organic soil use DMQ at 2 oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain wet for 10 minutes. Allow to air dry or wipe off with a clean cloth or paper towel.

**Cleaning, Sanitizing and Deodorizing Hard Non-Porous Surfaces:**

Use DMQ at 2 oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain wet for 30 seconds. Wipe off with a clean cloth or allow to air dry. When used as directed for sanitization this product is effective against *Staphylococcus aureus* and *Enterobacter aerogenes*.

Prepare fresh solution daily or more often if solution becomes visibly dirty, diluted, or soiled. Rinsing of floors is not necessary except before application of a floor finish or polish.

Before using this product in food processing areas, all food products and packaging materials must be removed from the room or carefully protected. After use, all food contact surfaces must be thoroughly rinsed with potable water before reuse. Do not use this product to disinfect or clean utensils, glasses, dishes, or cookware.

**\*KILLS HCV, HBV AND HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in 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 associated with the potential for transmission of Hepatitis C Virus (HCV), Hepatitis B Virus (HBV) and human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HCV, HBV AND HIV-1 ON SURFACES OR OBJECTS SOILED WITH BLOOD/BODY FLUIDS:**

**PERSONAL PROTECTION:** Exposure to blood or body fluids must be avoided by use of barrier protection such as latex or other impervious gloves. Face shields and impervious gowns must also be worn if splashing of blood or body fluids may occur.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of DMQ.

**CONTACT TIME:** Leave surfaces wet for 10 minutes.

**DISPOSAL OF INFECTIOUS MATERIAL:** Contaminated cleaning materials, blood and other body fluids must be autoclaved and/or disposed of according to local regulations for infectious waste disposal.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER. Corrosive.** Causes irreversible eye damage. Harmful if absorbed through the skin. Harmful if swallowed. Do not get in eyes, skin or on clothing. Wear protective eye wear (goggles/face shield/safety glasses), rubber gloves and protective clothing. *After product is diluted in accordance with the directions for use, protective eye wear is not required.* Wash thoroughly with soap and water after handling and before eating, drinking, smoking tobacco, chewing gum, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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*(NOTE TO EPA -The following text will be used on five gallon pails and larger containers only)*

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic invertebrates. 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.

**FIRST AID**

<b>If in eyes:</b>	-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.
<b>If on skin:</b>	-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.
<b>If swallowed:</b>	-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.
<b>24 HOUR MEDICAL EMERGENCY NUMBER: 888- 314-6171</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

*(NOTE TO EPA -The following text will be used with packets containing 2 fl.oz or less of product)*

**DISPOSAL:** Do not reuse empty packet. Discard in trash.

*(NOTE TO EPA –  
The following text will be used on containers of 1 gallon or less which are unable to be rinsed.)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area inaccessible to children.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Replace cap and discard in trash.

*(NOTE TO EPA –*

*The following text will be used on containers of 5 gallons or less which are rinsable.)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area inaccessible to children.

**Pesticide Disposal:** Pesticide wastes may be 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:** Nonrefillable container. Do not reuse or refill container. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

*(NOTE TO EPA – The following text will be used on containers of 5 gallons or greater)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area inaccessible to children.

**Pesticide Disposal:** Pesticide wastes may be 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:** Nonrefillable container. Do not reuse or refill container. Triple rinse as follows: Fill container ¼ 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 container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill

SPARTAN CHEMICAL COMPANY, INC. 1110 Spartan Drive, Maumee, Ohio 43537

Questions? 800-537-8990/ [www.spartanchemical.com](http://www.spartanchemical.com)

*(Note to EPA: The following is an optional phrase)*

Fax On Demand Material Safety Data Sheet: 888-383-4666, No. (XXXX)

**(Secondary Container Label for Diluted Product)**

**DMQ®**

*(Optional phrases)*

*Damp Mop Neutral Disinfectant Cleaner*

*Non-Acid Disinfectant Bathroom Cleaner*

*Clean on the Go® 1*

**User Prepared Ready-To-Use Solution**

E.P.A. Reg. No. 5741-20

**ACTIVE INGREDIENT IN CONCENTRATED PRODUCT:**

Alkyl (C<sub>14</sub>-50%, C<sub>12</sub>-40%, C<sub>16</sub>-10%) dimethyl benzyl ammonium chlorides... 4.50%

The product in this container is diluted as directed on the pesticide product label.  
Follow the directions for use on the pesticide label when applying this product.

*(Optional phrases)*

*Read material safety data sheet before using.*

*See first aid statement on pesticide product label.*

**HMIS HAZARD RATING:**

*Health = 1, Flammability = 0, Reactivity = 0*

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

MEDICAL EMERGENCY: 888-314-6171

SPARTAN CHEMICAL COMPANY, INC.  
1110 Spartan Drive, Maumee, Ohio 43537  
1-800-537-8990/ [www.spartanchemical.com](http://www.spartanchemical.com)

(Packet Label -2 fl. oz. or less)

**DMQ®**

(Optional phrases)

*Damp Mop Neutral Disinfectant Cleaner*

*Non-Acid Disinfectant Bathroom Cleaner*

*Clean on the Go® 1*

**Add contents of packet to XXX of water for a 1:64 dilution.**

**ACTIVE INGREDIENT:**

Alkyl (C<sub>14</sub>-50%, C<sub>12</sub>-40%, C<sub>16</sub>-10%) dimethyl benzyl ammonium chlorides..... 4.50%

**INERT INGREDIENTS:** .....95.50%

**TOTAL:** .....100.00%

Keep Out of Reach of Children

**DANGER**

EPA Reg No. 5741-20 EPA Est. No. 5741-OH-1

**SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS AND USE DIRECTIONS.**

**DISPOSAL:** Do not reuse empty packet. Discard in trash.

**FOR COMMERCIAL AND INDUSTRIAL USE**

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