



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 23, 2022

Jennifer Eck  
Regulatory & Scientific Affairs Steward  
Spartan Chemical Company, Inc.  
Electronic Transmittal: jeck@spartanchemical.com

Subject: Notification per PRN 98-10 – Minor label updates  
Product Name: DMQ  
EPA Registration Number: 5741-20  
Received Date: August 5, 2022  
Action Case Number: 00383999

Dear Jennifer Eck:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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) lists 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 Assurance.

If you have any questions, you may contact Tara Flint Silva via email at [flintsilva.tara@epa.gov](mailto:flintsilva.tara@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn M. Montague".

For  
Kathryn Montague, Acting Product Manager 31  
Regulatory Management Branch 1  
Antimicrobials Division  
Office of Pesticide Programs

**Front Copy:**

DMQ®  
(Damp Mop Neutral Disinfectant Cleaner) (Non-Acid Disinfectant Bathroom Cleaner)  
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)  
(text in parenthesis is optional)  
Simplifill (Dispensing Made Simple®)

**[Alternate Brand Names]**

NABC Concentrate  
X-Effect

***(Note to EPA: the following statements are optional)***

Clean on the Go® 1  
For use only with Spartan Clean on the Go dispenser.

**Concentrate for use with Spartan SimpliFill® Chemical Management Systems**

**NOTIFICATION**

5741-20

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/23/2022

ACTIVE INGREDIENT:	
Alkyl (C14 -50%, C12-40%, C16-10%)	
dimethyl benzyl ammonium chlorides .....	4.50%
INERT INGREDIENTS.....	95.50%
TOTAL: .....	100.00%

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

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

Keep Out of Reach of Children
<b>DANGER</b>
See side panel for additional precautionary and first aid statements

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

*Bracketed information is denoted as: [required qualifier], (optional text), {insert as noted}.*  
*The term "this product" used throughout this document may be replaced with the marketed product brand name.*  
*Punctuation and plural or singular word forms may be adjusted to allow for grammatical correctness.*  
*List statements may be reduced to allow for reference to a single claim or type of microorganism found on this label*

**(Note to EPA: the following statements are optional)**

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 fl. 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, Influenza A2 and SARS-CoV-2 [USA-WA1/2020] 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 Virus Type 2, Influenza A2 and SARS-CoV-2 [USA-WA1/2020] 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)
- (Effective against) (Disinfects) (Kills) (99.9%) SARS-CoV-2<sup>2</sup> virus
- (Effective against) (Disinfects) (Kills) (99.9%) SARS-CoV-2<sup>2</sup> virus, the cause of COVID-19
- (Kills) (Eliminates) 99.9% - SARS-Related Coronavirus 2<sup>2</sup> [SARS-CoV-2] [USA-WA1/2020] (causative agent of COVID-19) (the virus that causes COVID-19)
- Disinfects surfaces by killing (99.9%) SARS-Related Coronavirus 2<sup>2</sup> (SARS-CoV-2) [USAWA1/2020] (in One step<sup>3</sup>)
- Kills (99.9% of) SARS-CoV-2<sup>2</sup> virus, which causes COVID-19
- (Kills) (Effective against) the virus that causes COVID-19<sup>1,2</sup>
- (This Product) (Product Name) kills SARS-CoV-2<sup>2</sup> the virus that causes COVID-19
- (This Product) (Product Name) kills SARS-CoV-2<sup>2</sup> virus
- (This Product) (Product Name) kills (99.9% of) COVID-19<sup>1,2</sup> virus
- (This Product) (Product Name) kills (99.9% of) COVID-19 Coronavirus<sup>1,2</sup>
- (This Product) (Product Name) kills (99.9% of) COVID-19<sup>1,2</sup> Coronavirus in (just) (10 minutes)
- (This Product) (Product Name) kills SARS-CoV-2<sup>2</sup> in (just) (10 minutes)
- (This Product) (Product Name) kills SARS-CoV-2<sup>2</sup> the virus that causes COVID-19 in (just) (10 minutes)
- (This Product) (Product Name) has demonstrated effectiveness against (COVID-19 Coronavirus<sup>1,2</sup>) (SARS-CoV-2) (SARS-CoV-2 the virus that causes COVID-19) on hard, nonporous surfaces.
- (This Product) (Product Name) kills (COVID-19 Coronavirus<sup>1,2</sup>) (SARS-CoV-2) (SARS-CoV-2 the virus that causes COVID-19) in just one step(!)<sup>3</sup> on hard, nonporous surfaces.
- (This Product) (Product Name) kills (COVID-19 Coronavirus<sup>1,2</sup>) (SARS-CoV-2) (SARS-CoV-2 the virus that causes COVID-19) in one easy step(!)<sup>3</sup> on hard, nonporous surfaces.

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**(claim qualifiers)**

<sup>1</sup>SARS-Related Coronavirus 2

<sup>2</sup>On hard, non-porous surfaces

<sup>3</sup>When used according to the disinfection directions.

<sup>4</sup>non-food contact surfaces

**Back Side Copy:**

DMQ®

(Damp Mop Neutral Disinfectant Cleaner) (Non-Acid Disinfectant Bathroom Cleaner)

(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)

(text in parenthesis is optional)

**[Alternate Brand Names]**

NABC Concentrate

X-Effect

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

Formulated for use in daily maintenance programs, (DMQ)(Product Name) cleans and disinfects in one step when used according to the directions-for-use as a 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, finished (or sealed) 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<sup>4</sup>, bars, cafeterias, office buildings, transportation terminals, lodging/hospitality establishments, hotels, motels, churches, factories, manufacturing sites/facilities, food processing plants<sup>4</sup>, apartment buildings, athletic/recreation facilities, public restrooms, homes, home, bathroom, bathrooms, restrooms.

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(DMQ)(Product Name) provides 700 ppm of quaternary germicide at use-dilution.

**Efficacy Table:**

<b>BACTERICIDAL ACTIVITY (BACTERIA):</b> (Using approved AOAC test methods (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum and a <b>10-minute</b> contact time, (this product or product name) kills the following organisms on hard, inanimate nonporous environmental surfaces:)		
<b>Organism</b>	<b>ATCC Number</b>	<b>Contact Time</b>
<i>Pseudomonas</i>	ATCC 15442	10 minutes
<i>Salmonella enterica</i>	ATCC 10708	10 minutes
<i>Staphylococcus aureus</i>	ATCC 6538	10 minutes
Enterococcus faecalis -	ATCC 51299	10 minutes
Methicillin Resistant <i>Staphylococcus aureus</i> -	ATCC 33592	10 minutes
<b>VIRUCIDAL ACTIVITY (VIRUSES):</b> (Using approved AOAC test methods (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum and a <b>10-minute</b> contact time, unless otherwise noted, (this product or product name) kills		
<b>Organism</b>	<b>ATCC Number/Strain</b>	<b>Contact Time</b>
Herpes Simplex Virus	Strain G, ATCC VR-	10 minutes
Human Hepatitis B Virus (Duck	Grimaud	10 minutes
Human Hepatitis C Virus (Bovine Viral	NADL	10 minutes
Human Immunodeficiency	strain IIIB (B)	10 minutes
Influenza A Virus	strain A/Hong	10 minutes
Severe Acute Respiratory Syndrome-	USA-WA1/2020	10 minutes
<b>NON-FOOD CONTACT SANITIZER:</b> (under Good Laboratory Practices, [GLPs]), in the presence of 5% blood serum and a <b>30 second</b> contact time, (this product or product name) kills the following organisms on hard, inanimate nonporous		
<b>Organism</b>	<b>ATCC Number</b>	<b>Contact Time</b>
<i>Enterobacter aerogenes</i>	ATCC 13048	30 seconds
<i>Staphylococcus aureus</i>	ATCC 6538	30 seconds

*(Note to EPA, the following phrases within brackets are optional)*

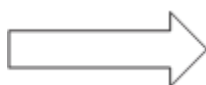
[Reorder Point]

[Reorder Information:]

[(Company name & address)]

[(Phone number)]

[(Website address)]



**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 visibly 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)(Product Name) at 2 fl. oz. per gallon of water to the exposed surfaces. Swab the exposed surfaces including under the rim.
3. Allow (DMQ)(Product Name) to remain visibly 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)(Product Name) at 2 fl. oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain visibly 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)(Product Name) at 2 fl. oz. per gallon of water. Apply with a mop, cloth or coarse spray device. Treated surface must remain visibly 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:** Cleanup must always be done wearing protective gloves, gowns, masks and eye protection.

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

**CONTACT TIME:** Allow surfaces to remain visibly 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.

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**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.

*(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.

**24 HOUR MEDICAL EMERGENCY NUMBER: 888- 314-6171**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage

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*(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.

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SPARTAN CHEMICAL COMPANY, INC. 1110 Spartan Drive, Maumee, Ohio 43537  
Questions? 800-537-8990/ 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 ®  
(Damp Mop Neutral Disinfectant Cleaner)  
(Non-Acid Disinfectant Bathroom Cleaner)  
(Neutral Cleaner Disinfectant with Fresh Lavender Fragrance)  
(text in parenthesis is optional)

### **[Alternate Brand Names]**

NABC Concentrate  
X-Effect

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

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

### **ACTIVE INGREDIENT IN CONCENTRATED PRODUCT:**

Alkyl (C14 -50%, C12-40%, C16-10%) 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. The product in this container with pesticide is not for sale and is for storage and use.

### *(Optional phrases)*

*Read material safety data sheet before using.  
See first aid statement on pesticide product label.*

### **KEEP OUT OF REACH OF CHILDREN**

Harmful if absorbed through the skin. Harmful if swallowed. Do not get in eyes, skin or on clothing. 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.

MEDICAL EMERGENCY: 800-314-6171

SPARTAN CHEMICAL COMPANY, INC.  
1110 Spartan Drive, Maumee, Ohio 43537  
1-800-537-8990/ www.spartanchemical.com

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