

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 09 2005

Mr. John Lee  
Agent for Spray Nine Corporation  
Pesticide Registration Consultants  
9546 Elvis Lane  
Lanham, MD 20706

Subject: Spray Nine  
EPA Registration No. 6659-3  
Amendment Date: September 1, 2004  
EPA Receipt Date: September 1, 2004

Dear Mr. Lee,

The following amendment submitted in connection with registration under FIFRA section 3(c)(7)(A) is acceptable with the following conditions.

- Addition of organisms: *Staphylococcus aureus* MRSA and *Streptococcus pyogenes*

**Conditions**

Revise the label as follows:

1. Since this product is used in the home as well as commercial and institutional settings, the site, refrigerators, must be revised to state "exterior surfaces of refrigerators."

The Agency continues to classify this surface as food contact. We are particularly concerned about the use of this product in residential setting where we believe that the user will not conduct a potable water rinse on interior surfaces of refrigerators. If you desire that all surfaces of refrigerators be treated in a commercial setting and are willing to limit the use on these surfaces by homeowners, you should propose modified labeling to the Agency.

It is suggested that this label have separate surfaces and directions for use in commercial settings and residential settings. These directions would continue to indicate the necessity for a potable water rinse on food contact surfaces for commercial use and could include treatment of refrigerators. The residential directions would limit the product to use on exterior surfaces of refrigerators.

2. The surface, fiberglass, is considered a porous surface. You must qualify fiberglass as a hard nonporous surface by listing specific fiberglass surfaces (e.g. fiberglass bathtubs and fiberglass sinks) to be treated.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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3. The "Environmental Hazards" statement is incomplete. Revise the last statement to read  
*"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."*

**Data Summary**

Data Requirement	Means of Support	Status
AOAC Germicidal Spray Test against <i>S. aureus</i> - MRSA & <i>S. pyogenes</i>	Submitted study, MRID 463533-01	Acceptable

**General Comments**

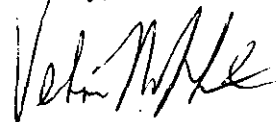
A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

Should you have any questions or comments concerning this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

Enclosure: Stamped Label

Efficacy Data Evaluation **CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

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Product: Spray Nine (EPA Reg. No. 6659-3) Registrant: Spray Nine Corp (EPA Est. 6659-NY-1)

8/9/04

**(FRONT PANEL)**

**Tough Task Cleaner**  
Deodorizes as it cleans  
Degreases and Disinfects  
Cuts Grease  
Dissolves grease on contact  
Reduces the risk of cross contamination  
Tough on Grease, Grime & Stains!

**Antibacterial Disinfectant**  
Kills Germs Too!  
Removes Tough Stains

**Spray Nine®**  
**MULTI-PURPOSE CLEANER/DISINFECTANT**

**Kills VIRUSES\* in 30 seconds!**  
**Kills Salmonella choleraesuis, E. coli, and**  
**other germs**  
**in 45 seconds! †**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See Back Panel for Additional Precautionary Statements

**Active Ingredients**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )	
dimethyl benzyl ammonium chloride . . . . .	0.15%
n-Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> )	
dimethyl ethylbenzyl ammonium chloride . . . . .	0.15%
<b>Inert Ingredients † . . . . .</b>	<b>99.70%</b>
	<b>100.00%</b>

† Includes detergents and other grease cutting agents.

NET \_\_\_\_\_

ACCEPTED  
with COMMENTS  
EPA Est. No. 6659-NY-1

MAR - 9 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 6659-3

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Product: Spray Nine (EPA Reg. No. 6659-3) Registrant: Spray Nine Corp (EPA Est. 6659-NY-1)

8/9/04

**(BACK PANEL)****SPRAY NINE®**

Versatile

Multi-Purpose Cleaner/Degreaser.

Disinfects and Deodorizes, too!

**CLEANING** - Spray Nine digs out tough soils like grease, oil, grime, food/drink stains, crayon, ink, fresh paint, fingerprints, soap scum, smoke, soot, fish blood, silt, tough automotive soils, tar, bug splatter, road grime, brake dust, grass stains, nicotine stains, suntan oil, adhesives, bird droppings, ground in dirt, wallpaper paste ---with spray on-wipe off ease. Powers off tough grease and grime. Spray Nine is great as a black streak remover. Removes burned on food and carbon deposits quickly and effectively. Spray Nine is great when used for prepping surfaces for paint, wall and decorative hangings.

Peel Here To Open Label (small sizes only)

**[kitchen pictograph]**

Countertops · Stoves · Refrigerators · Sinks

**[bathroom pictograph]**

Tubs · Showers · Tile · Sinks · Toilet Exteriors

**[household pictograph]**

Toys · Tools · Floors · Garbage Pails · Nursery

**[outdoors pictograph]**

Patio Furniture · Boats · BBQ Grills · Vinyl Siding · Jet Skis

**[auto/rv pictograph]**

Tires · Wheels · Vinyl · Carpets · Mats

**[institutional pictograph]**

Rest Rooms · Cafeteria · Showers · Patient Rooms

Break Room - Workplace

**DISINFECTING** - When used as directed, Spray Nine will disinfect hard non-porous surfaces such as countertops, stainless steel, tables, walls and floors".

- Spray Nine kills HIV-1 (associated with AIDS) Influenza A<sub>2</sub>, Herpes Simplex 1 & 2 and other viruses\* in just 30 seconds.
- Spray Nine kills Salmonella choleraesuis, E. coli, Staphylococcus aureus, Pseudomonas aeruginosa and other germs in just 45 seconds. †
- Spray Nine kills Trichophyton mentagrophytes, the organism that causes Athlete's Foot fungus, helps control mold and mildew and destroys bacterial odors.

**INSTITUTIONAL USE** - Spray Nine is ideal for hospitals, nursing homes, day-care centers, schools and other institutions where cleaning and disinfecting are of prime importance.

"PEEL OPEN FOR USE DIRECTIONS and complete disinfection information.

EPA EST. 6659-NY-1  
EPA REG. NO. 6659-3

Made in USA  
[Stock number]

PRESS TO RESEAL (small sizes only)

Spray Nine Corporation  
PO Box 290

Johnstown, NY 12095 · (518) 762-4591 · 1-800-477-7299

[UPC Code] ["please recycle"]

**(BACK PANEL CONTINUED)**

When used as directed, Spray Nine provides effective Virucidal\* / Bactericidal† / Fungicidal activity against the following organisms

\*VIRUSES (Contact time: 30 seconds)

Associated With:

Influenza A <sub>2</sub> Virus	Common Flu
Rhinovirus Type 37	Upper respiratory tract illnesses including common cold
Respiratory Syncytial Virus	Respiratory illnesses – especially in children under 12.
Adenovirus Type 2	Upper respiratory infections, Tonsillitis, Conjunctivitis
Herpes Simplex I	Fever blisters, Mononucleosis
Herpes Simplex II	Genital Disease
HIV-1**	AIDS

†BACTERIA (Contact time: 45 seconds)

Salmonella choleraesuis	Food poisoning and gastroenteritis
Escherichia coli (E. coli)	Food poisoning, urinary and wound infections
Staphylococcus aureus	Infections such as Meningitis and Carbuncles
Staphylococcus aureus – MRSA	Methicillin-resistant Staphylococcus aureus
Streptococcus pyogenes	Pharyngitis (strep throat), scarlet fever and impetigo
Pseudomonas aeruginosa	Numerous hospital infections
Enterobacter aerogenes	Coliform bacteria – causes food poisoning and spoilage
Shigella dysenteriae	Bacterial dysentery such as Montezuma's revenge

FUNGI (Contact time: 3 minutes)

Trichophyton mentagrophytes	Athletes Foot Fungus
Candida albicans	Diaper rash, thrush, vaginitis and dermatitis

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Some surfaces are inherently sensitive to alkaline cleaners. Always test on a small area of surface to be cleaned and air dry completely to determine colorfastness and surface integrity. Do not use on wool, leather, glass, untreated wood, treated fabrics or weathered surfaces.

(Patio, BBQ and Marine – additional directions for use) Outdoor surfaces subjected to severe weather conditions, especially UV exposure, may be particularly sensitive to alkaline cleaners. Follow the outdoor surface manufacturer's recommended cleaning instructions.

- TO CLEAN:
1. Spray on soiled surface.
  2. Wipe thoroughly with a clean damp sponge/cloth or rinse. (Do not allow to dry on surface)
  3. For assistance with specific cleaning problems, call 1-800-477-7299.

Note: Heavy deposits, stubborn soils and stains may require scrubbing or additional applications.

FOR PREPPING PAINT SURFACES: Spray Nine has been tested according to ASTM D 3395-95a and has proven to ensure maximum adhesion for paint, wallpaper border and decorative coverings for a professional job that looks better and lasts longer. To clean: 1. Spray on soiled surface. 2. Wipe thoroughly with a clean damp sponge/cloth or rinse. 3. For assistance with specific cleaning problems, call 1-800-477-7299.

BBQ GRILL DIRECTIONS: Do not spray on lava rocks, charcoal or heating elements. Always remove cooking grate prior to cleaning it. Turn off gas and allow surface to cool before applying. Use a brush to loosen and remove heavy deposits. Tough deposits may require additional applications and scrubbing. Cooking grate must be rinsed with potable water after cleaning it.

TO DISINFECT / DEODORIZE:

1. Clean surface as instructed above.
2. Repeat application making sure to wet all surfaces thoroughly.
3. Allow to stand for 45 seconds (30 seconds for viruses) minimum.
4. Wipe thoroughly with a clean damp sponge/cloth or rinse.
5. When used on food contact surfaces such as counters, refrigerators, tables, rinse thoroughly with potable water. Do not use on dishes, glasses, or silverware.
6. When used in Meat and Poultry Plants, food products and packaging materials must be removed from room or carefully protected. After use surfaces must be thoroughly rinsed with potable water.

Product: Spray Nine (EPA Reg. No. 6659-3) Registrant: Spray Nine Corp (EPA Est. 6659-NY-1) 8/9/04

**TO CONTROL MOLD AND MILDEW** on pre-cleaned, hard, non-porous surfaces: Spray thoroughly, making sure to wet surface completely. Allow to stand for 3 minutes. Wipe off with a clean damp sponge or cloth and rinse thoroughly. Reapply as necessary.

**FUNGICIDAL ACTIVITY:** Spray Nine kills Trichophyton mentagrophytes (pathogenic fungi that causes Athlete's Foot Fungus) and Candida albicans in areas such as shower and bath area, locker rooms, and dressing rooms on pre-cleaned, hard, non-porous surfaces: Spray thoroughly, making sure to wet surface completely. Allow to stand 3 minutes minimum before rinsing.

#### (BACK PANEL CONTINUED)

**\*\*KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) 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 associated with the potential for transmission of human immunodeficiency virus Type 1 (HIV-1) (associated with AIDS).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:** **PERSONAL PROTECTION:** When handling items soiled with blood or body fluids, use disposable latex gloves, gowns, masks or eye coverings. **CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before disinfection. **CONTACT TIME:** Allow surface to remain wet for 30 seconds. Allow 45 seconds to kill bacteria and 3 minutes to kill fungi cited on the label. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

#### MEDICAL USE STATEMENT

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 normal sterile areas of the body. **This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.**

#### PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.

Caution. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. For prolonged use, protective gloves are recommended. Wash thoroughly with soap and water after handling.

#### FIRST AID

**If in eyes:** Hold eyelid 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 on 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.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

EPA EST. 6659-NY-1  
EPA REG. NO. 6659-3

Made in USA  
[Stock number]

SPRAY NINE CORPORATION

PO Box 290, Johnstown, NY 12095 • (518) 762-4591 • 1-800-477-7299

Product: Spray Nine (EPA Reg. No. 6659-3) Registrant: Spray Nine Corp (EPA Est. 6659-NY-1)

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**(BACK PANEL VARIATIONS AND ADDITIONAL INFORMATION FOR INDUSTRIAL AND INSTITUTIONAL SIZES ONLY)**

Spray Nine

Effective, Versatile, Multi-Purpose

Cleaner · Degreaser · Disinfectant · Virucide\* · Fungicide · Deodorizer

Spray Nine® digs out tough grease, grime and other stubborn soils with "Spray on - Wipe off" ease from stainless steel, plastic, glazed tile, rubber, vinyl, fiberglass, glazed porcelain, formica and other hard surfaces. Spray Nine is ideal for hospitals, nursing homes, day-care centers, schools and other institutions where cleaning and disinfecting are of prime importance. Spray Nine is authorized by USDA for use in federally inspected meat and poultry plants.

**MEDICAL USE STATEMENT**

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 normal sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

**STORAGE AND DISPOSAL****(for containers 1 gallon or less):**

**Storage and Disposal:** Keep from freezing. Store in original container and place in locked storage areas. Container may be refilled with Spray Nine. Do not reuse empty bottle with any other product. Discard empty container by wrapping in newspaper and discarding in trash.

**(for containers greater than 1 gallon):**

**Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal.

**Storage:** Keep from freezing. Store in original container and place in locked storage areas.

**PESTICIDES DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**(containers sizes 5 gallons or larger)**

**Environmental Hazards.** 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.

**HOME [pictograph]**

Kitchen · Bathroom · Work  
Shop · Vinyl Siding & Wall  
Covering · Tools · Toys

**OUTDOORS [pictograph]**

Boats · RV's · Sporting &  
Camping Equipment ·  
Outdoor Furniture

**AUTO/RV [pictograph]**

Tires · Wheels · Vinyl  
Bumpers · Seats  
Carpet & Mats · Chrome

**INSTITUTIONS [pictograph]**

Rest Rooms · Cafeteria  
Showers · Patient Rooms  
Walls & Floors