



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

93672-1

**Date of Issuance:**

8/3/18

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

NeoSan Labs Part A

**Name and Address of Registrant (include ZIP Code):**

Dr. Matthew Brooks  
 NeoSan Labs Inc. c/o Ag-Chem Consulting  
 12644 Chapel Road  
 Clifton, VA 20124

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

John Hebert, Branch Chief  
 Regulatory Management Branch I  
 Antimicrobials Division (7510P)

**Date:**

8/3/18

2. You are required to comply with the data requirements described in the DCI identified below:

a. ADBAC - GDCI-069105-30882

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI or EDSP Order listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. The data requirements for storage stability and corrosion characteristics (Guideline 830.6317) was not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

4. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 93672-1.”

5. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 07/10/2018

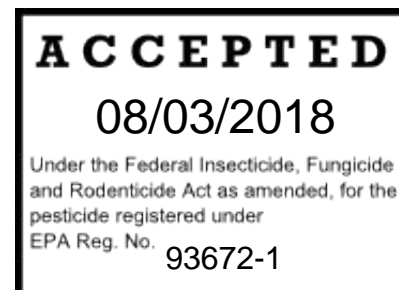
If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Enclosure: Approved label

**NeoSan Labs Part A**  
**Antibacterial · Cleaner · Mildewstat · Decontaminant**  
**Disinfectant · Deodorizer · Fungicide · Algaecide · Virucide**

**Part A - Active Ingredient:**

Alkyl (50% C <sub>14</sub> , 10% C <sub>16</sub> , 40% C <sub>12</sub> )	
Dimethyl benzyl ammonium chlorides .....	3.2%
<b>Inert Ingredients:</b> .....	<b>96.8%</b>
	Total 100.0%



**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**Corrosive. Causes irreversible eye damage.**  
**See Back Panel for Additional Precautionary Statements**

**NeoSan Labs Part A is part of a two-part system and when Part A and Part B are combined creates a proven disinfectant, cleaner, fungicide, mildewstat and virucide (including Norovirus and H1N1). This product has been shown to control and inhibit mold and mildew on porous and nonporous surfaces.**

**NET CONTENTS: (1 gallon, 5 gallons, 250 gallons)**

EPA REG. NO. (Part A)  
EPA EST. NO.

Manufactured by NeoSan Labs Inc. – 1925 Aspen Dr. #702 Santa Fe NM 87505

<b>First Aid</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.  <b>HOT LINE NUMBER:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-222-1222 for emergency medical treatment information.</p>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CORROSIVE.** Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear protective eyewear such as goggles, face shield or safety glasses. Wear coveralls over short-sleeved shirt and short pants, socks, chemical-resistant footwear and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**[]- Denotes sections of optional language or instruction**

**[The following statements may or may not appear on some labels]**

**For Professional Use Only:** For use by Mold Remediation Workers, Mold Remediation Contractors, Certified Mold Remediators, Certified Mold Contractors, Certified Mold Remediation Contractors, Applied Microbial Remediation Technicians, Certified Mold Professional, Certified Restorers, and Mold Remediation Companies.

Technology originally developed and patented by Sandia National Laboratories.

NeoSan Labs is Produced Commercially using the Formula Licensed by Sandia National Laboratories

Broad spectrum biocidal activity

Foaming Action

- Inhibits and Retards Growth of Mold, Mildew and Fungus on Porous and hard nonporous Surfaces.
- Shown to be effective against the pathogenic bacteria Staphylococcus aureus, (including MRSA Staphylococcus) Salmonella enterica, and Pseudomonas aeruginosa
- Proven to be effective against Norovirus
- Cleans & Controls Mold Growth on Porous and hard Non-Porous Surfaces as listed on the label
- Cleaner, Mildewstat, Fungicide, Disinfectant, Virucide and Deodorizer
- Used in Schools, Hospitals, Homes, and Commercial Facilities

NeoSan Labs Part A is a breakthrough product based on technology originally developed and patented by Sandia National Laboratories.

NeoSan Labs Part A is commercially manufactured under a license from Sandia National Laboratories. NeoSan Labs Part A prevents mildew & fungus (the causative agent for Athletes's Foot, Trichophyton mentagrophytes) on hard non porous surfaces and inhibits the growth of mold, mildew and fungal spores on stained wooden decks, aluminum siding, wood siding and other porous and non-porous surfaces.

NeoSan Labs Part A effectively cleans and disinfects all hard nonporous surfaces including those in basements and bathrooms as well as metal, plastic and glazed ceramic tile.

NeoSan Labs Part A cleans and inhibits the growth of mold and mildew on painted fences, aluminum siding, painted and stained wood, painted walls, metal, plastic, planters boxes, and ceramic tile.

- Foaming Action
- Coverage up to 200 sq. ft.
- Inhibits and Retards Growth of Mold, Mildew and Fungus
- Shown to be effective against the pathogenic bacteria Staphylococcus aureus, Salmonella enterica, and Pseudomonas aeruginosa
- Cleans & Controls Mold Growth on Porous and hard Non-Porous Surfaces
- Cleaner, Mildewstat, Fungicide, Disinfectant and Deodorizer
- This technology is Used by professionals for remediation in Schools, Hospitals, Homes, and Commercial Facilities
- Used by Professionals in Schools, Hospitals, Homes & Commercial Facilities
- Professionals recommend appropriate eye and respiratory equipment be worn when undertaking mold abatement procedures

- Propellant Cartridge: Aerosol Container, Spray-bridge & Dip Tube
- Part A
- Part B
- Mixing Bottle
- Insert
- **{Pictures of each of the five named components}**
- A Serious Product for a Serious Problem
- Mix, Spray and Wipe Away
- STOPS MOLD COLD!
- Kills Mildew and Fungus
- Kills Mildew and Fungus, such as those that cause Athlete's Foot, on hard non porous surfaces
- Inhibits Mold and Fungal Spores
- Disinfects & Deodorizes
- For Indoors and Outdoors
- Inhibits the growth of mold, and mildew, on wooden decks, cement, aluminum, and wood siding and other porous and non-porous surfaces.
- Effectively cleans and disinfects all hard, nonporous surfaces including those in basements and bathrooms as well as metal, plastic and ceramic tile.
- Contents: Propellant Cartridge: Aerosol Container Net Wt. 1 oz (28 g)
- Spray Bridge & Dip Tube
- Part A: 5 oz. (147 ml)
- Part B: 5 oz. (147 ml)
- Mixing Bottle
- Cleans and inhibits the growth of mold and mildew on porous surfaces of fences, cement walkways, siding, wood, painted walls, stucco, planters boxes, and terracotta.
- Remove Stains from surfaces prior to mold and mildew treatment. May be used to clean surfaces. Spray liberally to coat surfaces and allow to remain wet for 30 minutes. Scrub surface with sponge to remove stains.

**[ATCC Numbers May not appear on labels]**

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The product is designed specifically as a general cleaner and disinfectant for use in homes, hospitals, and commercial facilities. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, stainless steel, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, hard nonporous cabinets, and walls of swimming pools. May be used in the kitchen on non-food contact surfaces. If used on food contact surfaces, rinse with potable water prior to food contact. In addition, this product deodorizes areas that are hard to keep fresh smelling including garbage cans, basements, restrooms and areas prone to odors caused by microorganisms.

### **MIXING DIRECTIONS FOR ACTIVATION**

NeoSan Labs Part A is formulated as one component of a two-part system and therefore must not be used alone as a disinfectant without activating. Activate by mixing equal amounts of NeoSan Labs Part A with equal amount of NeoSan Labs Part B as described below.

[The following directions apply only to aerosol product applicators and appear only on labels equipped with such:

#### **TO ASSEMBLE: –**

1. Fill empty mixing container with equal portions of Part A and Part B.
2. Securely screw mixing container onto the spray-bridge (dip-tube side).
3. Snap aerosol container onto the small end of spray-bridge, making sure container is firmly seated.

**TO USE:** - Depress round actuator tab of spray-bridge to dispense newly mixed solution.

**Note:** - To prevent the possibility of spraying pure propellant from the aerosol container, do not allow liquid in mixing bottle to become empty during use. The combined liquid from Parts A & B remains active for 12 hours after mixing. Product must remain in contact with surface area for a minimum of 10 minutes.

Contents of aerosol container are under pressure. Do not puncture or incinerate container. Do not expose to heat, fire, sparks or flame. Do not store at temperatures above 120F.

Intentional misuse by intentionally or deliberately concentrating and inhaling contents can be harmful or fatal.]

**NEOSAN FORMULA USE DIRECTIONS** – NeoSan Labs Part A is be used in a binary (two part) system. Part A is a surfactant formulation; Part B is a hydrogen peroxide based formulation. Thoroughly mix EQUAL VOLUMES of PART A and PART B. Apply the solution as a spray onto surfaces as directed below. Allow the product to remain on the surface for 10 minutes. The mixed solution has an efficacious pot life of 8 hours.

**PRE-CLEANING** - Prior to use on surfaces, remove gross filth, spray the mixture (Part A and Part B) onto the surface and allow to penetrate (about 2 minutes), and then clean thoroughly.

**DISINFECTION** – Follow Pre-Cleaning instructions listed above. To disinfect surfaces, apply the mixture and allow to remain wet with product for 10 minutes. No scrubbing is necessary. The product will not leave grit. The product exhibits disinfectant activity against Staphylococcus aureus, Salmonella enterica, Pseudomonas aeruginosa and Listeria monocytogenes and meets the requirements for hospital use. When used as directed, NeoSan Labs Part A and Part B mixture has been demonstrated to provide disinfection efficacy on hard non porous surfaces against the following organisms;

<b>Organism</b>	<b>ATCC #</b>
Staphylococcus aureus	6538
Methicillin-Resistant Staphylococcus aureus (MRSA Staphylococcus)	33592
Staphylococcus epidermidis	12228
Salmonella enterica	10708
Pseudomonas aeruginosa	15442
Klebsiella pneumoniae	4352
Proteus mirabilis	9240
Vancomycin-Resistant Enterococcus faecalis	51299
Enterobacter aerogenes	15038
Escherichia coli (0157:H7)	43888
Escherichia coli (ESBL)	BAA-196
Listeria monocytogenes	19117

**VIRUCIDAL ACTIVITY** – Follow Pre-Cleaning instructions listed above. To eliminate viruses on hard non-porous surfaces, apply the mixture and allow to remain wet for 10 minutes. This product is virucidal against Influenza Type A (including H1N1), Influenza Type B and Norovirus (Feline Calicivirus Surrogate). When used as directed, NeoSan Labs Part A and Part B mixture has been demonstrated to provide disinfection efficacy on hard non porous surfaces against the following viruses;

<b>Virus</b>	<b>ATCC #</b>
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Influenza A	VR-544
Influenza B	VR-823
Norovirus (Feline Calcivirus Surrogate)	VR-782

**FUNGICIDAL ACTIVITY** – NeoSan Labs Part A has been demonstrated to be fungicidal on hard non porous surfaces against *Trichophyton mentagrophytes* (ATCC 9533), *Aspergillus niger* (ATCC 6275 and 1015) and *Penicillium variabile* (ATCC 52262). Follow Pre-Cleaning instructions listed above and remove any mold that can be removed by hand. Apply a blended mixture of equal parts Part A and Part B as a spray onto a mold afflicted surface and allow to remain wet with product for 10 minutes.

Fungi	ATCC #
Trichophyton mentagrophytes	9533
Aspergillus niger	1644
Penicillium variabile	522620

**FUNGISTATIC ACTIVITY** – NeoSan Labs Part A and Part B mixture has been demonstrated to be fungistatic on porous and non-porous surfaces. Follow Pre-Cleaning instructions listed above and remove any mold that can be removed by hand. Apply a blended mixture of equal volumes of NeoSan Labs Part A and Part B to the affected surface until thoroughly wet. Allow surface to remain wet for at least 10 minutes. Let dry.

**MOLD & MILDEW CONTROL** – This product controls mold and mildew on porous and hard non-porous surfaces. Follow Pre-Cleaning instructions listed above, then spray with the product, making sure to wet completely. Let the surface air dry but the surface must remain wet for at least 10 minutes. Reapply as necessary.

**DEODORIZING** – NeoSan Labs is an effective deodorizer when applied to areas affected with:

- Pet odors
- Food odors
- Putrefying odors
- Smoke odors

Always check fabric surfaces for colorfastness when applying. Remove gross filth. Mix equal parts of PART A and PART B and apply to surfaces until they appear wet to eliminate odors. Allow product to air dry or surface to remain wet for at least 10 minutes.

**SWIMMING POOL APPLICATIONS** - When used as directed, this product may be used as an algacide to treat walls of swimming pools.

**ALGAECIDE USE** - After draining or before filling pool, spray and scrub walls with product. Allow to remain on surface for 30 minutes prior to rinsing.

**TO CLEAN BY SPRAY APPLICATIONS** - For outdoor use on cement, aluminum and wood siding, wood decks and metal roofs to inhibit the growth of mold and mildew.

**REMOVES STAINS FROM SURFACES** – NeoSan Labs Part A and Part B mixture may be used to clean surfaces. Mix 4 ounces of NeoSan Labs PART A and Part B into one gallon of water. Apply liberally to coat surfaces and allow to remain wet for 30 minutes. Scrub surface with sponge to remove stains.

**SPRAYING** – Mix equal parts of PART A and PART B directly into ULV spray equipment. Apply mixed product at a rate of no less than 1 ounce to 100-sq. ft. of surface area. Allow surface to air dry or remain wet for at least 30 minutes.

**STORAGE AND DISPOSAL** - 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.

**CONTAINER DISPOSAL** – Nonrefillable container. Do not reuse or refill this container. Wrap container and put in trash.

**PESTICIDE DISPOSAL** – Pesticide wastes are acutely hazardous. Triple rinse or pressure rinse (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 flow begins to drip. Repeat this procedure two or more times.