

80346-1

8/13/2009

10/10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

AUG 13 2009

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Matthew Brooks, Ph.D.  
Authorized Representative of Modec for,  
Ag-Chem Consulting  
Pesticide Science and Registration  
12208 Quinque Lane  
Clifton, VA 20124

Subject: Modec ASA-1000 Part A  
EPA Registration Number 80346-1  
Your Notification Dated July 15, 2009  
EPA Received Date July 21<sup>st</sup>, 2009

The notification referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, FIFRA, as amended, to add the additional brand name, "ASA-1000", is acceptable.

The notification has been part of the permanent record of this file.

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7510C)

2010

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060, Approval expires 2-28-95



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number Modec Inc./80346-1	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Modec Inc./ ASA-1000 Part B	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Modec Inc. 4725 Oakland St. Denver CO 80239 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of Additional Brand Name ASA-1000  
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 152.46; and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40CFR152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 0.5 oz.		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dr. Matthew Brooks		Title Regulatory Consultant		Telephone No. (Include Area Code) 703-266-0128	
<p style="text-align: center;"><b>Certification</b></p> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.				6. Date Application Received (Stamped)	
2. Signature 		3. Title Regulatory Consultant			
4. Typed Name Dr. Matthew Brooks		5. Date 07-15-09			



**Ag-Chem Consulting**  
Pesticide Science and Registration  
12208 Quinque Lane, Clifton VA 20124  
(703) 266-0128 [mwbrooks01@yahoo.com](mailto:mwbrooks01@yahoo.com)  
(703) 266-4377 Fax

July 15, 2009

To: Marshall Swindell  
Antimicrobials Division  
OPPTS  
One Potomac Yard  
2777 S. Crystal Dr.  
Arlington Virginia 22202

RE: Modec ASA-1000 Part B  
EPA Registration Number 80346-1  
Additional Brand Name

Dear Mr. Swindell:

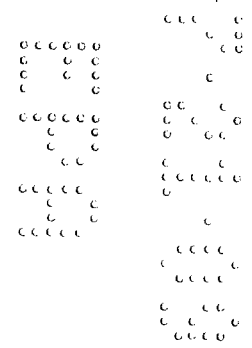
Attached please find a notification to add the additional brand name **ASA-1000**.

An example of the proposed additional brand name label is attached.

Please feel free to contact me at 703-266-0128 if you have any questions concerning this submission.

Sincerely,

Matthew W. Brooks, Ph.D.  
Ag-Chem Consulting LLC.  
Authorized Representative of Modec



# modec Inc.

## ASA-1000 Part B

Antibacterial Disinfectant and Cleaner

**Cleaner · Mildewstat**  
**Disinfectant · Deodorizer · Fungicide · Algaecide · Virucide**

**ASA-1000 Part B - Active Ingredient:**

Hydrogen Peroxide.....	7.95%
Inert Ingredients: .....	92.05%
Total	100.0%

### DANGER

**KEEP OUT OF REACH OF CHILDREN.**

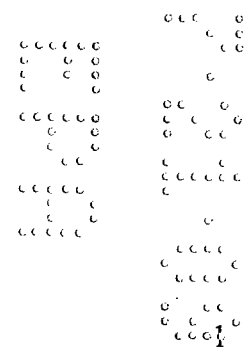
**Corrosive. Causes irreversible eye damage.**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**This is a proven disinfectant, cleaner, fungicide, mildewstat and virucide (including norovirus).**

**This product has been shown to control and inhibit mold and mildew on porous and nonporous surfaces.**

**NET CONTENTS:**



### First Aid

**IF IN EYES:** 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. Call a poison control center or doctor for further treatment advice.

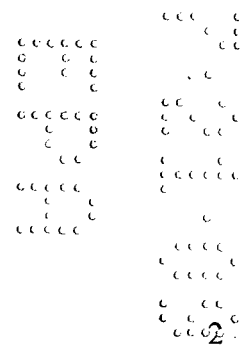
**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a 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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.



### Antibacterial Disinfectant and Cleaner

#### Advanced Disinfectant System

**[Note-ATCC Numbers added are optional text, numbers may not appear on final printed labels]**

Technology originally developed and patented by Sandia National Laboratories.

A Serious Product for a Serious Problem

ASA-1000 is Produced Commercially using the Formula Licensed by Sandia National Laboratories

#### 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

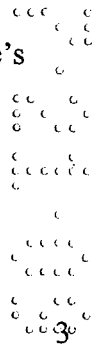
Before and After  
**Photo plate 1**

<b>Photos of Before &amp; Afer</b>	<b>Photos of Before &amp; After</b>	<b>Photos of Before &amp; After</b>	<b>Photos of Before &amp; After</b>	<b>Photos of Before &amp; After</b>
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Photo Plate 2

ASA-1000 is a breakthrough product based on technology originally developed and patented by Sandia National Laboratories.

ASA-1000 is commercially manufactured using the license from Sandia National Laboratories. ASA-1000 prevents mildew & fungus (the causative agent for Athlete's Foot, Trichophyton mentagrophytes, ATCC #9533) on hard nonporous surfaces and inhibits the growth of mold, mildew and fungal spores on wooden decks, cement, aluminum siding, wood siding and other porous and non-porous surfaces.



ASA-1000 effectively cleans and disinfects all hard nonporous surfaces including those in basements and bathrooms as well as metal, plastic and glazed ceramic tile.

ASA-1000 cleans and inhibits the growth of mold and mildew on porous surfaces of fences, cement walkways, aluminum siding, wood, painted walls, metal, plastic, stucco, planters boxes, terracotta, and ceramic tile.

ASA-1000 is an effective biocide that cleans basements, bathrooms, fences, walkways and any other place mold grows.

**STOPS MOLD GROWTH**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

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 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.

When Applied as an Aerosol

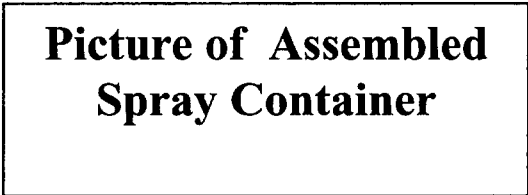


Photo Plate 3

**ASSEMBLY:** ASA-1000 is a two part system. Fill empty mixing container with equal portions of Part A and Part B. Screw mixing container onto the spray-bridge (dip-tube side). Snap aerosol container onto the small end of spray-bridge making sure container is firmly seated.

**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 is under pressure. Do not puncture or incinerate container. Do not expose to heat, fire, sparks or flame. Do not store at temperatures above 120°F.

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

DIRECTIONS FOR USE

[Note-ATCC Numbers added are optional text, numbers may not appear on final printed labels]

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. 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.

“ASA” is a binary (two part) system.

Before use, mix equal parts of ASA PART A and ASA PART B. Apply the newly mixed solution as a spray onto surfaces as directed below.

**PRE-CLEANING** - Prior to disinfection of surfaces, spray the mixture (Part A and Part B) onto the surface and allow to penetrate (about 2 minutes), and then clean all surfaces thoroughly.

**DISINFECTION**—To disinfect surfaces apply the mixture and allow to remain wet for ten minutes. No scrubbing is necessary. The product will not leave grit.

When used as directed, this product exhibits effective disinfectant activity against the organisms: Staphylococcus aureus (ATCC 6538, HIP-5836), including Methicillin-Resistant Staphylococcus aureus (MRSA Staphylococcus, ATCC 33592)), Staphylococcus epidermidis (ATCC 12228), Salmonella enterica (ATCC 10708), Pseudomonas aeruginosa (ATCC 15442), Klebsiella pneumoniae (ATCC 4352), Proteus mirabilis (ATCC 9240), Vancomycin-Resistant Enterococcus faecalis (ATCC 51299) and Enterobacter aerogenes (ATCC 15038), Escherichia coli (0157:H7), (ATCC 43888), Escherichia coli (ESBL), (ATCC BAA-196), and Listeria monocytogenes (ATCC 19117). This product meets the requirements for hospital use.

**VIRUCIDAL ACTIVITY** - When used as directed, this product is virucidal against Influenza A (ATCC VR-544) and Influenza B (VR-823) virus as well as Norovirus (Feline Calcivirus (ATCC VR-782) was tested as surrogate).

**FUNGICIDAL ACTIVITY** – ASA-1000 has been demonstrated to be fungicidal on hard non porous surfaces against *Trichophyton mentagrophytes* (ATCC 9533), *Aspergillus niger* (ATCC 6275 and 1015) and *Penicillium variable* (ATCC 52262). Remove gross filth and debris from the surface along with any mold that can be removed



by hand. Apply a blended mixture of equal parts ASA-1000 Part A and ASA-1000 Part B as a spray onto a mold afflicted surface and allow to stand for 10 minutes.

**FUNGISTATIC ACTIVITY** - ASA-1000 has been demonstrated to be fungistatic on porous and nonporous surfaces. Apply a blended mixture of equal parts of ASA-1000 Part A and ASA-1000 Part B to the surface to be treated and let dry.

**MOLD and MILDEW CONTROL** - This product controls mold and mildew on porous and hard nonporous surfaces. Clean the surface to be treated, then spray with the product, making sure to wet completely. Let the surface air dry but surface must remain wet for at least 10 minutes. Reapply as necessary.

**DEODORIZING** – ASA-1000 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 ASA-1000. Remove gross filth. Mix equal parts of ASA-1000 PART A and ASA-1000 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 algaecide to treat walls of swimming pools  
Mix equal parts of ASA-1000 Part A and ASA-1000 Part B prior to application.

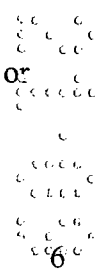
**ALGAECIDE USE** - After draining or before filling pool, spray and scrub walls with product. Allow to remain on surface for 30 minutes prior to rinsing.

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

**REMOVES STAINS FROM SURFACES** - ASA-1000 may be used to clean surfaces. Mix 4 ounces of ASA 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** - ASA” is a binary (two part) system. Mix equal parts of ASA PART A and ASA PART B directly into ULV spray equipment. Apply mixed product at a rate of 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.



100410

**STORAGE** – Store in a dry place no lower in temperature than 50°F or higher than 120°F.

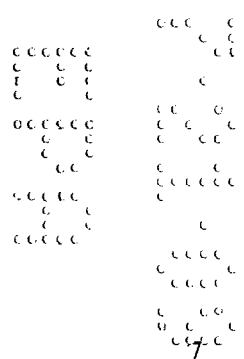
**CONTAINER DISPOSAL** – Nonrefillable container. Do not reuse or refill this container. Wrap container and put in trash.

**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.

EPA REG. NO. 80346-2 (Part B)  
EPA EST. NO. 65001-CO-01

US. Patent No. 6,566,574 B1 Made in USA

Manufactured by Modec, Inc. - 4725 Oakland Street  
Denver, Colorado 80239 - 800-967-7887  
1-800-967-7887 - [www.deconsolutions.com](http://www.deconsolutions.com)  
[info@deconsolutions.com](mailto:info@deconsolutions.com)



July 15, 2009