

33162-1

7/26/2010

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511P)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:

33162-1

Date of Issuance:

JUL 26 2010

Term of Issuance:

Unconditional

Name of Pesticide Product:

Formula 1001

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Stone Soap Company, Inc.  
2000 Pontiac Drive  
Sylvan Lake, MI 48320

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA. This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 33162-1".
3. Submit within 1 year after the Date of Registration acceptable data packages for Guideline Studies: Storage Stability study (OPPTS GLN: 830.6317) and Corrosion Characteristics study (OPPTS GLN: 830.6320) for this product.
4. Submit two (2) copies of the final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

*W. Michael McDavit*  
W. Michael McDavit, Acting Director,  
Biopesticides and Pollution Prevention Division

Date:

7-26-10

EPA Form 8570-6

## CONCURRENCES

SYMBOL	7511P	7511P	7511P				
SURNAME	Walsh	COLE	Quilley				
DATE	7/26/10	7/26/10	7/26/10				

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

2/7

[Note to Reviewer: Master label: This master label bears directions for both 1. landfills and non-fish bearing bodies of water and 2. fogging use with various environmental hazards, application directions, and dilution directions specific to use patterns.]

# FORMULA 1001

Bird Repellent

**ACTIVE INGREDIENT:**

Methyl Anthranilate (MA), methyl 2-aminobenzoate .....20.0%

**OTHER INGREDIENTS** .....80.0%

**TOTAL** .....100.0%

This product contains 1.65 pounds of Methyl Anthranilate per gallon of product.

EPA Reg. No. 33162-xx

EPA Est. No. 33162-MI-01

FORMULA 1001 is formulated with food grade ingredients.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<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.</li><li>• 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 treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Center at 800-900-4044 for emergency medical treatment information.	

See back panel for additional Precautionary Statements

**Manufactured by:**

Stone Soap Co., Inc.,  
2000 Pontiac Drive  
Sylvan Lake, MI 48320

Net Contents: xx gal, xx quarts, xx pints  
Batch No.: \_\_\_\_\_

**ACCEPTED**

JUL 26 2010

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 33162-1

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

### ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate. This pesticide is slightly toxic to fish and aquatic invertebrates.

### DIRECTIONS FOR USE

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

## NON-FOGGING APPLICATIONS

### LANDFILLS AND NON-FISH BEARING BODIES OF WATER

**USE RESTRICTIONS:** Use this product in areas to repel birds that congregate in large numbers, including these passerine birds: starlings (*Sturnus vulgaris*), gulls (subfamily *Larinae*), blackbirds including grackles (Family *Icteridae*), and rock dove and domestic pigeons (*Columba livia*), cliff swallow (*Hirundo fulva*), house (English) sparrow (*Passer domesticus*), house finch (*Corpodacus mexicanus*), American crow (*Corvus brachyrhynchos*, *Corvus ossifragus*) as well as these wild migratory waterfowl: geese (*Anserinae*), mute swan (*Cugus olor*), and Coot (*Fulica Americana*). These listed birds are reservoirs or vectors for human disease causing agents, bacterial, parasitic, fungal, and ectoparasitic pathogens that can be transmitted to humans and may present a health risk to humans and domestic poultry.

Areas where the above types of wild birds or their drops and humans or domestic birds come in close contact pose a risk to human health and in these settings, birds are considered pests.

Use this product to repel birds from landfills; non-fish bearing bodies of water (tailing ponds, commercial or industrial water impoundments); and temporary pools of standing water located at or near airports. This product can also be used in non-crop areas that contain temporary surface water caused by the management activities, such as water collected in equipment ruts. FORMULA 1001 can also be applied near intermittently flooded low-lying areas, transitional areas between upland and lowland sites, marshes, swamps, bogs, and seasonally dry flood plains and/or deltas provided no water is present or water has receded where birds are a hazard or nuisance. However, this product cannot be applied in these areas when non-target birds (i.e. those birds not listed above) or Threatened or Endangered Birds may be present. Do not apply directly to water, such as lakes, reservoirs, ponds, streams and canals; however, overspray to water bodies can be expected with proper use of this product.

[New York only – Use this product only on landfills; non-fish bearing bodies of water and temporary pools of standing water on paved areas or construction sites at or near airports.]

### SPRAY APPLICATION DIRECTIONS:

**Non-fish bearing bodies of water** (tailing ponds, commercial or industrial water impoundments, and decorative fountains): Apply FORMULA 1001 at a rate of 5 gallons per acre (8 lbs a.i. per acre) of water surface at 3-4 week intervals. Adjust timing of subsequent applications as required by bird activity and anticipated seasonal migrations. Product is best applied undiluted or with a surfactant approved for use in water applications to ensure water surface coverage.

**Landfills:** Apply FORMULA 1001 at a rate of 5 gallons per acre (8 lbs a.i. per acre) directly to the active site face as soon as the birds start to arrive. Repeat applications as long as birds persist. Make applications with conventional spray equipment, hydroseeders and other liquid application equipment. Product is best applied undiluted or diluted or with a surfactant to ensure uniform

coverage.

## FOGGING APPLICATIONS

**USE RESTRICTIONS:** Use this product in areas to repel birds that congregate in large numbers, including these passerine birds: starlings (*Sturnus vulgaris*), gulls (subfamily *Larinae*), blackbirds including grackles (Family *Icteridae*), and rock dove and domestic pigeons (*Columba livia*), cliff swallow (*Hirundo fulva*), house (English) sparrow (*Passer domesticus*), house finch (*Corpodacus mexicanus*), American crow (*Corvus brachyrhynchos*, *Corvus ossifragus*) as well as these wild migratory waterfowl: geese (*Anserinae*), mute swan (*Cugus olor*), and Coot (*Fulica Americana*). These listed birds are reservoirs or vectors for human disease causing agents, bacterial, parasitic, fungal, and ectoparasitic pathogens that can be transmitted to humans and may present a health risk to humans and domestic poultry. This product can also be used in non-crop areas that contain temporary surface water caused by the management activities, such as water collected in equipment ruts. FORMULA 1001 can also be applied near intermittently flooded lowlying areas, transitional areas between upland and lowland sites, marshes, swamps, bogs, and seasonally dry flood plains and/or deltas provided no water is present or water has receded where birds are a hazard or nuisance. However, this product cannot be applied in these areas when non-target birds (i.e. those birds not listed above) or Threatened or Endangered Birds may be present. Do not apply directly to water, such as lakes, reservoirs, ponds, streams and canals; however, overspray to water bodies can be expected with proper use of this product.

Areas where the above types of wild birds or their drops and humans or domestic birds come in close contact pose a risk to human health and in these settings, birds are considered pests. For use on or near domestic structures or buildings.

Use FORMULA 1001 with thermal and mechanical foggers as well as specialized fogging and aerosol equipment as long as the product is applied at less than 30 microns. For best results, ensure the product comes in direct contact with target birds (see above) through direct fogging or proper air circulation via natural or artificial air movement.

Direct outlet or nozzle away from surfaces and greenery or hold the fog or aerosol generator at least 5 feet from any object, painted surface, and especially plants and shrubbery to avoid discoloration from direct contact with concentrated FORMULA 1001 or the heat when using thermal foggers. Do not smoke while applying this product.

**New York Only:** Fogging application must be done by certified applicators. Applicators must use a dust/mist filtering respirator (MSHA/NIOSH) approval number prefix TC-21C, or a NIOSH approved respirator with any N, R, P, or HE filter. A minimum separation distance equal to 100 ft or the windward length of the proposed treatment area, whichever is greater, is required between the outer perimeter of the proposed area and any adjacent area of natural bird habitat such as a clump of trees, wood lot, forested area, etc. Shut the fogger off when the FORMULA 1001 bearing fog has reached the downwind perimeter of the treatment area or sooner if the birds have been repelled. Use precautionary measures to ensure that there is no direct exposure to humans, pets, domestic animals or non-target wildlife.

**INDOOR FOGGING APPLICATIONS (Warehouses, hangers, garages, assembly plants, etc.):** Apply FORMULA 1001 undiluted at a rate not to exceed two (2) ounces per 10,000 cubic feet of space to be treated. Point fog generator in the general direction of the nuisance birds, keeping the fog generator at least 5 feet away from any structure or object to allow for complete dissipation of the fog. A distance of at least 5 feet from any structure or object prevents any damage to desired materials. Expose as many birds as possible to the fog for fast and lasting results. Best product performance is achieved with a dry fog. Consult the fog generator owner's manual for proper settings to assure a dry fog. Both ULV and thermal foggers may be used to apply this product. Several treatments, 1 to 4 days apart may be required for removal of all nuisance birds.

For automated fogging applications, point the fogger in the direction of the birds or their expected approach. Set the fog generator for an appropriate duration as needed to repel target birds, such as 10 second to 5 minute fogging pulses during the time of expected bird activity.

#### **OUTDOOR FOGGING APPLICATIONS:**

**General Application Directions:** Apply FORMULA 1001 undiluted at a rate of 12 to 16 ounces per acre (43,500 sq ft) of area to be treated. Point the fog generator in the general direction of the nuisance birds, keeping the fog generator at least 5 feet away from any structure or object to allow for complete dissipation of the fog. A distance of at least 5 feet from any structure or object prevents any damage to desired materials. Best product performance is achieved with a dry fog. Consult the fog generator owner's manual for proper settings to assure a dry fog. ULV, thermal, and other foggers and aerosol generating equipment with a minimum application size of less than 30 microns may be used to apply this product. Several treatments, 1 to 4 days apart may be required for removal of all nuisance birds.

For automated fogging applications, point the fogger in the direction of the birds or their expected approach. Set the fog generator for an appropriate duration as needed to repel target birds, such as 10 second to 5 minute fogging pulses during the time of expected bird activity.

#### **Electrical Substations, Farmsteads, Agricultural Sites, Structures, Buildings, Airports, and other Open Areas**

Apply FORMULA 1001 undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the droplet size within the aerosol size range (below 30 microns). Expose as many birds as possible to the fog for fast and lasting results. Apply FORMULA 1001 when birds have settled down or are roosting in the structure and/or wires of the substation. Withhold treatment until conditions favoring successful use arise (temperature, direction, and speed of wind) to be able to cover all the infested structure. For best results, make applications in the evening, when most of the birds have arrived, but before it gets too dark for the birds to leave once exposed to the fog.

#### **Trees and Shrubs**

Apply FORMULA 1001 undiluted using a thermal or mechanical fog generator that will deliver a dry fog with droplet size within the aerosol size range (below 30 microns) that will penetrate the foliage without wetting it. Expose as many birds as possible to the fog for fast and lasting results. Apply FORMULA 1001 when birds have settled down. Withhold treatment until conditions favoring successful use arise (temperature, direction, and speed of wind). For best results, make applications in the evening, when most of the birds have arrived, but before it gets too dark for the birds to leave once exposed to the fog. Application in the morning after the birds normally leave does not have much effect. To prevent damage to foliage, do not allow FORMULA 1001 to accumulate to the point of runoff.

#### **Turf (Golf courses, lawns, sports fields, parks, etc.)**

Apply FORMULA 1001 undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the aerosol size range (below 30 microns) that stay suspended and do not settle to the ground. Set fogger upwind so that the wind will carry the fog in the general direction of the birds. Apply at any time of the day when birds are present. To control Canada geese, apply at any time when they are feeding or roosting, except when they sit on a nest during breeding season.

#### **Lakes and Ponds, Harbors and Boat Docks, Aquatic Production Sites (non-fish bearing sites such as hatchery buildings and around culture ponds)**

Do not apply directly to water. However, it is expected that overspray may occur. Apply when wind and drift conditions are minimal. Apply FORMULA 1001 undiluted using a thermal fog generator that will deliver a dry fog with a droplet size below 20 microns that will stay suspended and does not settle on the water surface. Set fogger upwind so that the wind will carry the fog in the general direction of the birds. Apply as soon as birds arrive. For roosting birds, the product is

best applied in the evening when most of the birds have arrived but before it gets too dark for the birds to leave.

**Fruit Applications (Agricultural Uses: For application to cherries, blueberries, grapes, apples, stone fruits (apricots, cherries, peaches, plums), cereal grains (sweet and pop corn, millet, oats, sorghum), and sunflowers)** Use this product to limit damage caused by birds on ripening crops. Withhold treatment until fruit is susceptible to bird damage. Apply FORMULA 1001 undiluted using a thermal or mechanical fog generator that will deliver a dry fog with a droplet size within the aerosol size range (below 30 microns). To avoid damage to foliage or fruit discoloration, do not allow FORMULA 1001 to accumulate to the point of runoff. Birds must be exposed to the airborne FORMULA 1001 if it is to achieve lasting results. Direct fog into crop area. Do not apply when crop is wet or if rain is expected. This product may be applied up to the day of harvest. Repeat treatment if significant bird damage begins to occur.

**California:** Handlers must wear coveralls over normal work clothes. Harvesters must wear gloves and long-sleeved shirts.

**New York:** This product is not to be used on grapes within Suffolk County.

### STORAGE & DISPOSAL

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

**PESTICIDE STORAGE:** Store only in original container, in a dry place inaccessible to children, pets and domestic animals. Store apart from pesticides, fertilizers, food or feed that may cause cross-contamination from odor. Keep container closed when not in use.

**REPELLENT DISPOSAL:** Product or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures. Water resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER HANDLING:

**Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container 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 1/4 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 the flow begins to drip. Repeat this procedure two more times.

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. 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 the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable Container:** Refillable container. Refill this container with FORMULA 1001 only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### **WARRANTY**

**NOTICE:** The directions for use of this product are believed to be adequate and must be followed carefully. To the extent consistent with applicable law, Stone Soap Co., Inc., Inc. does not make, nor does it authorize any agent or representative to make any oral or written warranty, guarantee, or representation, express or implied, concerning this material or the use thereof beyond the statements of the label. To the extent consistent with applicable law, neither Stone Soap Co., Inc. nor the seller shall be held responsible in any manner for any claim of personal injury or property damage or loss resulting from handling, storage, or use of this material not in accordance with the written directions. To the extent consistent with applicable law, the buyer assumes all risk and liability resulting from handling, storage, or use, or purchaser accepts and uses this material on these conditions. No other warranty exists.