



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

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

OCT - 9 2012

Timothy Tobiason
Olvidium, Inc.
6808 66th St.
Columbus, NE 68601

Subject: Label Amendment – Adding ‘Physical and Chemical Hazards’ Statement
Oblitiroot
EPA Reg. No. 88810-1
Application dated – September 25, 2012

Dear Mr. Tobiason:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Amended labeling will supersede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Submit one (1) copy of final printed labeling before you release the product for shipment. If you have any questions regarding this letter, please contact Maggie Rudick at (703) 347-0257 or rudick.maggie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", is written over a large, horizontal oval shape.

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

ACCEPTED

OCT - 9 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 88810-1

Kills Roots in Sanitary and Storm Sewers
Self Foams on Contact With Water
Inhibits New Root Growth
Does Not Contain Copper

Personal Protective Equipment (PPE)

Applicators and other handlers, including mixers and loaders, must wear long-sleeved shirt, long pants, shoes plus socks and chemical-resistant gloves. Mixers and loaders must also wear a chemical-resistant apron. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing and PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

For terrestrial uses: do not use near a well or where drinking water is stored. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment, wash water or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Physical and Chemical Hazards

Do not use with or store near oxidizing agents

Oblitroot

Active Ingredient
Dichlobenil: (2,6 dichlorobenzonitrile) 1.5%
Other Ingredients: 98.5%
Total 100.00%

Keep Out of Reach of Children

CAUTION

See (Attached Label Booklet) Panel
For Additional Precautionary Statements
EPA Reg. No. 88810-1
EPA Est. 88810-NE-001
US Patent Pending

This product is composed of 2 separate components. Part B is sulfamic acid, a dry solid crystal. Part A contains the pesticidal component and is a thick liquid. Both parts must be used together in any application.

When handling Sulfamic Acid, refer to PPE section attached to Part B container.

How It Works

Oblitroot contains Dichlobenil which kills tree roots and prevents new root growth. Dichlobenil is readily absorbed on organic and inorganic colloids of sludge and clay in pipe joints providing residual control of root re-growth by inhibiting the development of actively dividing meristem cells in root tips. New root growths formed outside the pipe joints are retarded or inhibited in growth when they come in contact with Dichlobenil inside the pipe. Oblitroot self-foams on contact with water. The foam acts as a delivery agent, putting the active ingredient in contact with the tree roots above the flow of water in the pipes.

NET WEIGHT 1.6 or 2.4 or 9.5 LBS

Olividium, Inc. 6808 - 66th St. Columbus, Nebraska 68601 1-928-246-1580

Precautionary Statements HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with eyes, skin, or clothing.
Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust.
Causes moderate eye irritation.

First Aid

If In Eyes: Hold eye open and rise 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 (1-800-222-1222) or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. 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 treatment advice.

If swallowed: 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 or take any other action. Do not give anything by mouth to an unconscious person.

If household baking soda is available, add it to water and drink if Part B is ingested. For eye and skin contact apply baking soda to contact sites to neutralize sulfamic acid in Part B going for treatment. For emergency assistance, please call toll free 1-800-222-1222.

Hot Line Number

Note to Physician

Probably mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read the following directions for use thoroughly before application.

Before using Oblitroot on any sewer line with more than one root intrusion, the roots should be cut out. If this is not done, the foam which travels down the line will only collide with the first set of roots and be obstructed from flowing down and reaching other intrusions and joints.

For 1.6 lb package size for residential 4"x100' long sewer lines
(Part B contains .352# solid and Part A contains 1.248# liquid for 1.6# total application)

For 2.4 lb package size for residential 6"x100' long sewer lines
(Part B contains .55# solid and Part A contains 1.85# liquid for 2.4# total application)

Residential Application Method for Sewer Lines that have Root Problems:

For residential 4"x100' long sewer lines, use the 1.6# container size,
For residential 6"x100' long sewer lines, use the 2.4# container size

For both Part A and Part B: ADD ENTIRE CONTENTS of Part B (solid) to the toilet bowl. Then pour entire contents of Part A (liquid) to toilet bowl. Flush immediately to avoid foam overflowing bowl. Flush a second time to push foam completely into sewer line, and a third time if you have a 1.6 gallon low flow toilet. Restrict water usage for four to six hours after application. Do not apply through sink or tub.

Make sure that when you are pouring the chemical into the application site you do not create a splash which could come in contact with user's eyes.

Commercial application for 4"x100' or 6"x100' residential sewer lines with root problems:
Clear obstructions in the line with rooter cable-augers/cutters so that flow is restored. Attach an Oblitroot-Oblitroot sponge applicator to the end of the auger/cable. This can be a set of rollers, sponge, or mop-head (see Oblitroot's literature to determine best choice). Run the cable with the attachment down the line past the last obstruction which was cut out.

Mix Part A into a 5 gallon bucket with 1 cup of water. Add Part B and stir with a paint stirring stick or a similar device. The 2 parts will foam and fill the bucket. Before the foam reaches the top of the bucket pour the foam contents into the clean out where the cable is located. Wait 60 seconds for the foam to travel to the attachment in the line. The foam will float on any water in the line. Withdraw the cable slowly. The attachment will rotate and brush/push the foam onto the pipe and root surfaces and into the joint in which they grew. Ensure joint is filled with foam. It is desirable that the foam has as little as possible water mixed in. As it dries it forms a water resistant film similar to paint which will continue to kill roots and prevent re-growth for as long as it is present.

Oblitroot contains soybean oil and synthetic latex which permits it to self foam without any water. A small amount of water is added to improve its flow characteristics into the line.

Maximum Application Rates

Use one 1.6# bottle for 4" x 100' line (Add both Part A and Part B)
Use one 2.4# bottle for 6" x 100' line. (Add both Part A and Part B)

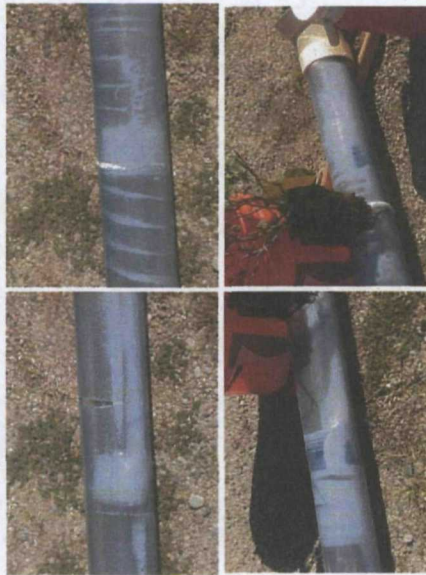
[Some sewer lines have multiple intrusions which block water and root killer flow. In this case it may be necessary to use the illustrated sponge method of application to force it through and onto root intrusions.]

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Sponge Application Method

Attach the sponge applicator to the end of your sewer cable. Send the cable to the end of the line or past the last known root intrusion. Add the Optiroot foam to the clean out or manhole after mixing as directed above. The foam will float on any water in the line. With the cable attached in the line, the foam will rotate and push/pull the foam onto the pipe and root surfaces and into the joint where the sewer pipe meets the main line. It is desirable that the foam has as little as possible water mixed in. As it dries it forms a water resistant film similar to paint which will continue to kill roots and prevent re-growth for as long as it is present.

The photos illustrate the idea. Here you see the sponge on the end of a cable inside a pipe past the break in the line. As it is retracted, it pushes Optiroot foam into the joint and also onto roots we placed onto and in the line. The photos illustrate the idea.



Do not flush the toilet or run water into the line for at least 3-4 hours. For best results, apply foam in the evening and let dry overnight for 12 hours.

For 9.5 lb package size (Part B contains 2.1# sulfamic acid and Part A contains 7.4# Dichlobenil mixture for 9.5# total application)

Municipal Sewer Line Application Rates		
Quantity of 9.5# containers	Diameter of Line	Length of Line*
1 (total of 9.5#)	8 inch	300 feet
1.5	12 inch	300 feet
2	16 inch	300 feet
2.5	20 inch	300 feet
3	24 inch	300 feet
5	36 inch	300 feet

*Add an extra 50% of quantity for lines 450 feet or longer

Municipal Directions for Use

Commercial application for 8"x300" or larger municipal sewer lines with root problems:
Clear obstructions in the line with rooter cable-augers/cutters so that flow is restored. Attach an Obliroot-Obliroot applicator to the end of the auger/cable. This can be a set of rollers, sponge, or mop-head (see Obliroot's literature to determine best choice and size). Run the cable with the attachment down the line past the last obstruction which was cut out or to the end of the line being cleared/treated.

Mix Part A into a 55 gallon drum with 1/2-1 gallon of water. Add Part B and stir with a stirring stick or a mixing device. The 2 parts will foam and partially fill the drum. Before the foam reaches the top of the drum pour the foam contents into the manhole upstream where the cable is located. The gravity fed foam should travel into the line. Wait 2 minutes for the foam to travel to the attachment in the line. The foam will float on any water in the line. Withdraw the cable slowly. The attachment will rotate and brush/push the foam onto the pipe and root surfaces and into the joint in which they grew. The idea is to fill the joint with foam. It is desirable that the foam has as little water mixed in as possible. As it dries it forms a water resistant film similar to paint which will continue to kill roots and prevent re-growth for as long as it is present. The photos above illustrate the idea.

Obliroot contains soybean oil and synthetic latex which permits it to self foam without any water. A small amount of water is added to improve its flow characteristics into the line. Larger lines may require additional water (5-10 gallons) poured in after the foam to enable proper flow down the line.

An alternative method of applying would be to pour the foam from the drum into a 4-6" funnel and hose at ground level which feeds into the line directly at the bottom of the manhole.

Application Method for Root Control Along Sidewalks and Driveways:

To inhibit the entry of roots beneath pavement structures and the resulting damage caused by root growth, cut a 3" wide and deep edging along the structure and pour 1/2 oz. of premixed (Part A and B) Obliroot into a thin of 3" wide edge strip per running foot. Then cover the edged area with soil. Immediately following application, thoroughly water-in Obliroot. Repeat annually to prevent root growth near the surface along sidewalks and driveways. Do not enter or allow workers to enter the treated area until Obliroot is thoroughly watered in and the treated soil has dried.

Application Method for Root Control In Between Tree Roots and Sewer Lines:

To prevent long term root growth from the tree to sewer lines, bore a series of small holes, 2 feet apart, into the ground near the offending tree or outside the sewer joints using water or mechanical boring equipment. Add 1/4 oz. of premixed Part A and B of Obliroot per hole and fill with soil so that the holes location and depth is directly between the offending tree and sewer line. Immediately following application, thoroughly watered in and the treated soil has dried. To prevent root growth in between tree roots and sewer lines. Do not enter or allow workers to enter the treated area until Obliroot is thoroughly watered in and the treated soil has dried.

Storm Line Application and Usage Rates

Obliroot may be applied in a storm line by applying to the line in the same manner as sewer lines.

Quantity of 9.5# containers	Diameter of Line	Length of Line*
1 (total of 9.5#)	8 inch	300 feet
1.5	12 inch	300 feet
2	16 inch	300 feet
2.5	20 inch	300 feet
3	24 inch	300 feet
5	36 inch	300 feet

*Add an extra 50% of quantity for lines 450 feet or longer

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of area during application.

NOT FOR USE IN SEPTIC SYSTEMS IN THE STATE OF FLORIDA

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place. Avoid storage near food or feed products.

Container Disposal: Non-refillable container. Do not reuse or refill this container.

Completely empty container by shaking and tapping the sides and bottom to loosen clinging particles. Empty residue from containers into application site. Triple rinse with a small amount of water to reduce foaming. Pour rinsate from container into application site. If empty, place in trash or offer for recycling, if available.

If partially filled: call your local solid waste agency for disposal instructions or call 1-800-CLEANUP.

To properly clean equipment, run water over equipment to wash away residue and ensure the water flows into the toilet bowl or drains into a floor drain and ends up in the sewer line.

THE FOLLOWING WARRANTY LANGUAGE WILL APPEAR ON ALL CONTAINERS

NOTICE: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER WILL NOT BE LIABLE FOR ANY LOSS, INJURY OR DAMAGES AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, PURCHASERS AND/OR USERS OF THIS PRODUCT HEREBY WAIVE ANY STRICT LIABILITY. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR THE PARTICULAR PURPOSE, AND THERE ARE NO OTHER IMPLIED WARRANTIES, EXCEPT AS SPECIFICALLY SET FORTH ON THIS LABEL. MANUFACTURER'S OBLIGATION ON ANY CLAIM IS LIMITED TO REPLACEMENT OF ANY DEFECTIVE PACKAGE OF OBLITHROOT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER WILL NOT BE LIABLE FOR ANY LOSS, INJURY OR DAMAGES TO PERSONS OR PROPERTY RESULTING FROM FAILURE OR IMPROPER USE OF THE PRODUCT, NOR WILL THE MANUFACTURER BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND SUSTAINED BY THE PURCHASER OR USER OF THIS PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, PURCHASERS AND/OR USERS OF THIS PRODUCT HEREBY WAIVE ANY STRICT LIABILITY OR PRODUCT LIABILITY CLAIM THEY MIGHT HAVE AGAINST THE MANUFACTURER AND/OR SELLER, SELLER AND MANUFACTURER ARE NOT LIABLE FOR ANY USE OF THIS PRODUCT NOT IN COMPLIANCE WITH THE DIRECTIONS ON THIS LABEL.

[EPA approval date 6 Sept. 2012, registration #88810-1 Est. #88810-NE-001]

ACCEPTED

OCT - 9 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 88810-1

Oblitroot
Part
A

Keep Out of Reach of Children

CAUTION

Ingredients	
Active Ingredient	
Dichlobenit: (2,6 dichlorobenzonitrile)	1.924%
Other Ingredients:	98.076%
Total	100.00%

Directions for Use

User must follow all directions and precautions on master label before use.

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

For residential 4"x100' long sewer lines (Part B contains .352# solid and Part A contains 1.248# liquid for 1.6# total)
For residential 6"x100' long sewer lines (Part B contains .55# solid and Part A contains 1.85# liquid for 2.4# total)

Residential Application Method for Sewer

Lines that have Root Problems:

For residential 4"x100' sewer lines, use the 1.6# container size. For residential 6"x100' sewer lines, use the 2.4# container size.

For both Part A and Part B: ADD ENTIRE CONTENTS of Part B (solid) to the toilet bowl. Then pour entire contents of Part A (liquid) to toilet bowl. Flush immediately to avoid foam overflowing bowl. Flush a second time to push foam completely into sewer line, and a third time if you have a 1.6 gallon low flow toilet. Restrict water usage for four to six hours after application. Do not apply through sink or tub.

Precautionary Statements

CAUTION: Avoid contact with eyes, skin, or clothing. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Causes moderate eye irritation. Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing and Personal Protective Equipment (PPE) immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers, including mixers and loaders, must wear long-sleeved shirt, long pants, shoes plus socks and chemical-resistant gloves. Mixers and loaders must also wear a chemical-resistant apron. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Ovidium, Inc.
EPA Reg. #88810-1
EPA Est. 88810-NE-001

Environmental Hazards

For terrestrial uses: do not use near a well or where drinking water is stored. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment, wash water or rinsate. This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

If In Eyes

First Aid
Hold eye open and rise slowly and gently with water for 15-20 minutes. If present, after the first 5 minutes, then continue rinsing eye. Call a poison control center (1-800-222-1222) or doctor for treatment advice.

If Inhaled

Move person to fresh air. If person is not breathing, call 911 or an ambulance. Then give artificial respiration, preferably by mouth-to-mouth, if possible. 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 treatment advice.

If swallowed

Call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center (1-800-222-1222) or doctor. Do not give anything by mouth to an unconscious person.

Hot Line Number:
Have the product container when calling a poison control center, doctor, or going for treatment. For emergency assistance, please call toll free 1-800-222-1222.

Note to Physician:
Probably mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.
Pesticide Storage: Store in a dry place.
Avoid storage near food or feed products.
Container Disposal: Non-refillable container. Do not reuse or refill this container.

Completely empty container by shaking and tapping the sides and bottom to loosen clinging particles. Empty residue from containers into application site. Triple rinse with a small amount of water to reduce foaming. Pour rinsate from container into application site. If empty, place in trash or offer for recycling, if available.
If partially filled: call your local solid waste agency for disposal instructions or call 1-800-CLEANUP.

NOT FOR USE IN SEPTIC SYSTEMS IN THE STATE OF FLORIDA

ACCEPTED

OCT - 9 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg No. 88810-1

Oblitiroot

Part

B

Keep Out of Reach of Children

DANGER

Ingredients

Sulfamic Acid 100%

Directions for Use

User must follow all directions and precautions
on master label before use.
It is a violation of federal law to use this product in a
manner inconsistent with its labeling.

For residential 4"x100' long sewer lines (Part B contains
.352# solid and Part A contains 1.248# liquid for 1.6# total)
For residential 6"x100' long sewer lines (Part B contains
.55# solid and Part A contains 1.85# liquid for 2.4# total)

Residential Application Method for Sewer Lines

that have Root Problems:

For residential 4"x100' sewer lines,

use the 1.6# container size,

For residential 6"x100' sewer lines,

use the 2.4# container size

For both Part A and Part B: ADD ENTIRE CONTENTS of
Part B (solid) to the toilet bowl. Then pour entire contents
of Part A (liquid) to toilet bowl. Flush immediately to avoid
foam overflowing bowl. Flush a second time to push foam
completely into sewer line, and a third time if you have a 1.6
gallon low flow toilet. Restrict water usage for four to six
hours after application. Do not apply through sink or tub.

Precautionary Statements

DANGER

Corrosive. Causes skin burns. Causes irreversible eye damage.
May be fatal if swallowed, absorbed through the skin, or inhaled.
Do not get in eyes, on skin, or on clothing. Wash thoroughly
with soap and water after handling and before eating, drinking,
chewing gum, using tobacco or using the toilet. Remove and
wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers, including mixers and loaders,
must wear long-sleeved shirt, long pants, shoes plus socks and
chemical-resistant gloves. Mixers and loaders must also wear a
chemical-resistant apron. Follow manufacturer's instructions for
cleaning/maintaining PPE. If no such instructions for washables
exist, use detergent and hot water. Keep and wash PPE
separately from other laundry.

Wear protective eyewear such as goggles,
face shield or glasses.

Oblidium, Inc.

EPA Reg. #88810-1

EPA Est. 88810-NE-001

Storage and Disposal

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

Pesticide Storage: Store in a dry place.

Avoid storage near food or feed products.

Container Disposal: Non-refillable container.

Do not reuse or refill this container.

Completely empty container by shaking and tapping the sides
and bottom to loosen clinging particles. Empty residue from
containers into application site. Triple rinse with a small amount
of water to reduce foaming. Pour rinse from container into
application site. If empty, place in trash or offer for recycling,
if available.

If partially filled, call your local solid waste agency for disposal
instructions or call 1-800-CLEANUP.

NOT FOR USE IN SEPTIC SYSTEMS IN THE STATE OF FLORIDA

First Aid

If In Eyes: Hold eye open and rise 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 (1-800-222-1222)
or doctor for treatment advice.

If Inhaled: Move person to fresh air.
If person is not breathing, call 911 or an
ambulance, then give artificial respiration,
if possible. Cover mouth-to-mouth, if possible.
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
treatment advice.

If swallowed: 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
the poison control center (1-800-222-1222)
or doctor.
Do not give anything by mouth to an
unconscious person.

If household baking soda is available, add it to water and
if Part B is ingested, For eye and skin contact apply baking
soda to contact sites to neutralize sulfamic acid in Part B.

Hot Line Number

Have the product container or label with you when calling
a poison control center, doctor, or going for treatment. For
emergency assistance, please call toll free 1-800-222-1222.

Note to Physician

Probably mucosal damage may contraindicate the use
of gastric lavage. Measures against circulatory shock,
respiratory depression and convulsions may be needed.