

12 OCT 1984

NL Treating Chemicals/NL Industries Inc.
17402 Wallisville Road
Houston, TX 77049

Gentlemen:

Subject: Surflo B19
EPA Registration No. 44797-8
Your Application Dated August 24, 1984

A review of your amendment follows:

1. We have no objections of adding the additional container sizes and have included the information into your file.
2. We have noted your address change and have routed a copy of your request to the appropriate department.
3. We have adjusted our records accordingly:
Old Product Name: Surflo-B19 Microbiocide
New Product Name: Surflo-B1^o
4. The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:
 1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete the statement: percent by weight
 - b. Underline the statement: Inert Ingredients or delete the line under the statement: Active Ingredient. Both statements must be given equal prominence.
 - c. We prefer that the signal word DANGER be placed directly below the statement: KEEP OUT OF REACH OF CHILDREN (Center panel only).

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

- d. Revise the statement FIRST AID to read Statement of Practical Treatment.
- e. The skull and crossbones symbol must be retained on the label, since this product contains more than 4% methanol.
- f. The word "poison" must be in red.
- g. We prefer that the container disposal section be grouped within the other storage and disposal statements.
- h. Revise the address to read as per your amendment form.
- i. Revise the statement: This product is toxic to fish... to read: This pesticide is toxic to fish...."
- j. Revise the referral statement to read:
See left panel for additional precautionary statements.
- k. Revise the statement:

Do not discharge into lakes, streams, ponds or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

to read:

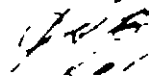
Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

- 5. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



John M. Lee
Product Manager (31)
Disinfectants Branch
Registration Division TS-767C)

Enclosure

PRECAUTIONARY STATEMENTS

Hazards to Humans and Animals

DANGER Methanol may cause blindness. Harmful or fatal if swallowed. May be harmful if absorbed through skin. Vapors are harmful. Do not breathe vapors or spray. Do not use with a separate ventilation system. Remove from area.

CORROSIVE Causes eye damage and skin irritation. Do not get in eyes. Wash immediately. Wearing goggles, gloves and protective clothing when handling. Wash thoroughly after handling.

FIRST AID

External: In case of contact, flush contaminated area with large amounts of water. In case of eye contact, rinse eyes for at least 15 minutes and get medical attention.

Internal: Do not induce vomiting. Do not give anything by mouth to someone who has swallowed. Call a physician immediately.

First Aid: In case of contact, flush contaminated area with large amounts of water. In case of eye contact, rinse eyes for at least 15 minutes and get medical attention.

ENVIRONMENTAL HAZARDS: This product is highly toxic to fish and aquatic life. Do not discharge into water. Do not discharge into water. Do not discharge into water. Do not discharge into water.

Container Disposal: Do not reuse empty containers. Do not discharge into water. Do not discharge into water. Do not discharge into water.

ACCEPTED
with COMMENTS
in EPA Letter # 44797-5

00112 1984

44797-5

SURFLO®-B19

A microbicide for use in controlling aerobic and anaerobic bacteria, including sulfate-reducing bacteria in on-field subsurface injection waters.

Active Ingredients	Percent by Weight
Formaldehyde	27.75
Aryl (as in fatty acids of cocoyl dimethyl benzyl ammonium chloride)	20.00
Methanol	9.00
Inert Ingredients	43.25
	100.00%

CONTAINS METHANOL

DANGER

KEEP OUT OF REACH OF CHILDREN

POISON

Call a physician immediately. See First Aid Statement and other precautionary statements on the left page.

Manufactured by

NL Treating Chemicals/NL Industries, Inc.
P.O. Box 400 - Odessa, Texas 77550

EPA Registration No. 44797-5
EPA Establishment No. 44797-1X-1
44797-1A-1
44797-1B-1

NET WEIGHT

[] 50 lb (22.7 kg) (Net Weight)

[] 50 lb (22.7 kg) (Net Weight)

DIRECT:

General

It is a violation of Federal law to sell or use this product in a manner inconsistent with its label.

SURFLO®-B19 may be used as described hereon, but its performance depends on many factors which require field testing. To optimize performance, use the procedure below.

1 SLUG METHOD - With this method, apply 12 fluid ounces of product. This treatment should be applied on a weekly basis of as often as necessary. When microbial control is achieved, the concentration of product should be lowered to 6 fluid ounces (47 ppm of product) for control.

Each 1 fluid ounce of product requires 1.5 gallons of water.

2 CONTINUOUS METHOD - Continuous treatment requires 100 fluid ounces per 1000 gallons of water. Maintain this treatment level for 1000 gallons of water.

STORAGE

FLAMMABLE - Keep away from flammable water. If spilled, remove as soon as possible. Take care of the material. For large quantities, see the label.

STORAGE - Store in a cool, dry place.

DISPOSAL - Pesticide containers should be disposed of in accordance with the label. Do not be disposed of by use as a fertilizer. State Dept. of Health and Hazardous Waste Management and Control.