

PM-25

Reg # 34913-16

194

JAN 29 1985

Dr. Wm. Ronald Landis
SSI Noble Co., Inc.
c/o Landis International, Inc.
P.O. Box 5126
Valdosta, GA 31603-5126

Dear Dr. Landis:

Subject: Groundwater Statements
EPAFILE SA-26
EPA Reg. No. 34913-16
Your submission dated Nov. 9, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable and a stamped copy is enclosed for your records.

Sincerely yours,

Robert J. Taylor
Product Manager 25
Fungicide-Herbicide Branch
Registration Division (47505C)

Enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves

ENVIRONMENTAL HAZARD

In case of spills, collect, cover or incorporate granules/pellets spilled on the soil surfaces to prevent contamination to water. Do not apply 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 washwaters or rinsate.

GROUND WATER ADVISORY

This chemical is known to leach through soil into ground water under certain conditions as a result of registered (rangeland and non-crop) uses. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

A shallow water table is defined as depth to water table of 30 feet or less. Permeable soils include, but are not limited to, sandy soils.

DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

For vegetation control by broadcast (aerial and ground equipment) and banded applications. The maximum label rate and frequency of application is 1-2 lbs. ai/acre once every three years for vulnerable areas (where soils are sandy and depth to water table is shallow). For all other areas, may be applied one time in a 3 year period at rates up to 4 lbs. ai/acre, however, no more than 6 lbs. ai/acre may be applied in two consecutive treatments in any 6 year period.

Spot treatments (hand held equipment) May be applied at rates up to the equivalency of 6 lbs. ai/acre when needed.

Ground Water Advisory: This product is known to leach through soil into ground water under certain conditions as a result of registered (rangeland and non-crop) uses. Use of this product in areas where soils have rapid to very rapid permeability, particularly where the water table is shallow, may result in ground water contamination.

Use Restrictions for Groundwater Protection

Vulnerable Sites: To minimize any movement of tebuthiuron to subsurface water, do not exceed the application rates specified below on treatment sites where soils have a sand or loamy sand texture throughout the soil profile and all of the following characteristics:

1. Rapid to very rapid permeability.
2. Absence of well-defined organic layers or a textural B-horizon (restricting layer of fine-textured soil).
3. The water table of an underlying aquifer is shallow.

An aquifer is defined as "an underground saturated, permeable, geologic formation capable of producing significant quantities of water to a well or spring". It is the ability of the saturated zone, or portion of that zone, to yield water which makes it an aquifer (American Chemical Society, 1983). Local agricultural agencies can provide further information on the type of soil in your area and the location of shallow ground water aquifers.

Do not apply Sprakil S-5 in areas where the water table is predominately shallow (5 feet or less), such as marshy or sub irrigated areas, or areas immediately adjacent to streams or lakes which are periodically flooded, unless such use is allowed under a state-approved pesticide management program. Note: Also on such areas, woody plants rooted directly in a shallow water table are minimally affected by applications of tebuthiuron and poor woody plant control will result.

Do not apply Sprakil S-5 within areas identified by state or local authorities as protected groundwater recharge zones.