

Sylvanex Flakes

**COMMERCIAL Antisapstain
Live Organism**

GUARANTEE: *Ophiostoma piliferum* strain D97

This product can contain 30 - 50 AU/kg.

(1 AU = 10^{12} colony forming units of *Ophiostoma piliferum* strain D97)

This package contains ____ AU and weighs ____ kg.

REGISTRATION NO.: 27560
PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING.
POTENTIAL SENSITIZER
CAUTION - EYE IRRITANT

PARRAC LIMITED
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HAMILTON, NEW ZEALAND

Distributed by:
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To be used in the control of blue-staining/sapstain fungi on freshly felled lodgepole pine and red pine logs at the felling site only. **NOT** for use on lumber or debarked logs.

DIRECTIONS FOR USE:

Sylvanex Flakes is to be used on freshly felled lodgepole pine and red pine logs as a preventative treatment against sapstain.

1. Preparation of the Sylvanex suspension:

First determine the volume in litres of Sylvanex suspension required for daily operation by multiplying the total surface area in square metres of logs to be treated by 0.54L. Then, determine the quantity of Sylvanex Flakes to be added to the water by using the following formula:

Number of grams of Sylvanex Flakes required =

[Volume, in litres of Sylvanex suspension required for daily operation] X 50 ÷ [label guarantee (in AU/kg)*].

***NOTE: Sylvanex Flakes label guarantee may change from container to container.**

Weigh the required quantity of dried Sylvanex Flakes and rehydrate it by mixing it with water that is 4-30°C and has a pH 5-8. Use a stirrer to get a vortex. Allow sufficient time for the mixture to become homogeneous before using it. The final Sylvanex suspension will have a concentration of 0.05 AU per litre (5.0 x 10¹⁰ CFU per litre). Use the diluted mixture of Sylvanex within 24 hours of mixing.

2. Application of Sylvanex:

The 0.05 AU/L suspension of Sylvanex is to be applied to logs immediately after the harvesting of the wood and cutting/delimiting of branches. The entire surface of each log must be sprayed at a rate of 540 mL per square metre of log surface. A hydraulic spray system, attached to the various cutting and delimiting equipment, must be used for application at the logging site.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. May cause sensitization. Avoid contact with eyes, skin or clothing. Wear a long-sleeved shirt, long pants, shoes plus socks, and water-proof gloves and eye-goggles when handling, mixing/loading or applying the product, and during all clean-up and repair activities. Wash exposed areas of skin thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. **DO NOT** apply directly to water. **DO NOT** contaminate water by cleaning equipment or disposing of equipment washwaters.

FIRST AID:

IF SWALLOWED: Rinse mouth and throat with plenty of water.

IF ON SKIN/CLOTHING: Take off contaminated clothing. Wash exposed skin with plenty of soap and water.

IF INHALED: Move to fresh air.

IF IN EYES: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, then continue rinsing eye.

GENERAL: IMMEDIATELY seek medical attention if irritation or signs of toxicity occur and persist or are severe. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: The product must be kept frozen and stored at temperatures of less than -20°C. The product is stable at -20°C for 12-18 months. Bags that are open are recommended to be tightly closed, in order to avoid contact with oxygen and moisture.

DISPOSAL: DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site.

Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use. If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Product Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.