Balsam fir oil (129035) Fact Sheet

OPP Chemical Code: 129035 (CAS # 8021-28-1)

Summary

Balsam fir oil is a technical grade active ingredient (TGAI) in the manufacturing use product (MP) Canadian Wilderness Oil and the end use product (EP) Fresh Cab®. This product is a non-food use biochemical pesticide repels rodents in non-living spaces indoors and in enclosed spaces outdoors by emitting an odor that is offensive to not offensive to humans.

I. Description of the Active Ingredient

The balsam fir oil TGAI is a pale yellow to amber liquid with a fresh woodsy scent; the EP is a tan granular solid with a fresh woodsy scent.

II. Use Sites, Target Pests, And Application Methods

- **Use Sites:** MP, for manufacturing use only; EP, indoors in non-living areas (attics, basements, storage areas, garages, sheds, pantries, and barns) and in other enclosed spaces (such as automobiles, recreational vehicles, airplanes, boats, tractors, trucks, and electric junction boxes).

- **Purpose:** Rodent repellent.

- **Formulation Type:** MP: liquid; EP: granular solid.

- **Method and Rates of Application:** EP: For indoor uses, place one pouch per eight square feet of area to be protected. For enclosed spaces, place four pouches per storage unit per season.

III. Assessing Risks to Human Health

*Whether a substance poses a risk to humans or other organisms depends on two factors: how toxic the substance is, and how much of it an organism is exposed to. Therefore, the EPA considers toxicity data and exposure data in deciding whether to approve a pesticide for use.*
The mammalian toxicity studies submitted to support the registration applications for registrations for balsam fir oil TGAI products satisfy the requirements to register a new biochemical pesticide intended for non-food uses.

IV. Assessing Risks to the Environment

There are no expected risks to the environment because balsam fir oil is approved for use only in indoor non-living areas and other enclosed spaces (for example, tractor cabs). Toxicity tests show that balsam fir oil is not expected to be harmful to living organisms or the environment.

V. Regulatory Information

Earth Kind, Inc. (Crane Creek Gardens) submitted an application for the registration of the manufacturing product Canadian Wilderness Oil (active ingredient balsam fir oil) on 9 March 2006 and Fresh Cab® on 22 February 2006. A notice of receipt of an application for registration of Canadian Wilderness Oil and Fresh Cab®, containing balsam fir oil as an active ingredient, was published in the Federal Register on June 14, 2006 (71 FR 34340) with a 30-day comment period. No comments were received following this publication. EPA granted an unconditional registration on 26 April 2007.

VI. Registrant Information

EARTH-KIND, INC. (CRANE CREEK GARDENS)
17 3RD AVE. SE
STANLEY, North Dakota 58784

VII. Additional Contact Information

Ombudsman, Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs
Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460