

# 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 woody scent; the EP is a tan granular solid with a fresh woody 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)  
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