

2, 6-Diisopropylnaphthalene (2,6-DIPN) (055803) Fact Sheet

OPP Chemical Code: 055803 (CAS # 24157-81-1)

Summary

This active ingredient is structurally similar to other plant growth regulators commonly found in plant tissues, and seems also to help inhibit the sprouting of potatoes during storage. 2, 6-DIPN is intended for use in the manufacturing of pesticide products intended to prevent sprouting of stored potatoes. When used according to label directions, this active ingredient is not expected to harm people or the environment.

I. Description of the Active Ingredient

2, 6-DIPN is similar in its structure and function to naturally occurring growth regulators found in plants. The end-use product, Amplify® is proposed for use as an aerosol treatment on stored potatoes in warehouses. When applied on harvested potatoes in storage facilities, 2, 6-DIPN will act by preventing the sprouting of potatoes until the commodity is ready for shipping to the fresh market or processing plants. Thus, preserving the fresh quality of potatoes .

II. Use Sites, Target Pests, and Application Methods

- **Use Sites:** Harvested potatoes in warehouse storage.
- **Target Pests:** Potato sprouting.
- **Methods of Application:** Aerosol application in storage facilities

III. Assessing Risks to Human Health

Based on the known properties of this compound and the results of toxicity tests conducted on the end-use product, no risks to human health are expected from exposure to this plant growth regulator.

IV. Assessing Risks to the Environment

2, 6-DIPN is similar in its structure and function to other naturally occurring growth regulators found in plants. The usage of Amplify® as an indoor aerosol treatment reduces the exposure of most terrestrial and aquatic organisms. Furthermore, the low toxicity, and mitigating label language help minimize any risk to wildlife.

V. Regulatory Information

Year active ingredient was initially registered: August, 2003

Number of end-use products: 1 (Amplify® Sprout Inhibitor)

VI. Registrant Information

Platte Chemical Co.

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Greeley, CO 80831

VII. Additional Contact Information

[Ombudsman, Biopesticides and Pollution Prevention Division](#) (7511P)

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