

# Cold Pressed Neem Oil (025006) Fact Sheet

## Summary

Cold Pressed Cold Pressed Neem Oil is pressed directly from seeds of the Neem tree (*Azadirachta indica*), which is a tropical evergreen tree native to India and also found in other Southeast Asian and African countries. Cold Pressed Cold Pressed Neem Oil is intended for use on outdoor and greenhouse agricultural food and ornamental crops as an insect repellent and insect growth regulator. Based on the data reviewed by EPA, Cold Pressed Neem Oil will not cause adverse effects to humans and other nontarget organisms when used according to label directions.

### I. Description of the Active Ingredient

The active ingredient Cold Pressed Cold Pressed Neem Oil has a brown color, a bitter taste and a garlic/sulfur smell.

**Common Name:** Neem Oil

**Chemical Names:** Cold Pressed Neem Oil

**Trade & Other Names:** Cold Pressed Neem Oil

**CAS Registry Number:** 8002-65-1

**OPP Chemical Code:** 025006

**Type of Pesticide:** Insect repellent and anti-feedant

### II. Use Sites, Target Pests, and Application Methods

Cold Pressed Cold Pressed Neem Oil is intended for use on outdoor and greenhouse agricultural food and ornamental crops as an insect repellent and insect growth regulator. Application rates and methods vary depending on the product.

### III. Assessing Risks to Human Health

No risk to human health is expected from the use of Cold Pressed Neem Oil because of its low toxicity via all route of exposure. Cold Pressed Neem Oil has been used for hundreds of years to control plant insects and diseases. EPA concluded that Cold Pressed Neem Oil is not a mutagen, and is not a developmental toxicant. Based on the review and analysis of the guideline studies, no additional toxicity data are required to support food uses of this biochemical.

### IV. Assessing Risks to the Environment

The data submitted and reviewed showed that there is no reason to believe that any nontarget organisms, including honeybees and other beneficial insects, would be adversely affected by the use of Cold Pressed Neem Oil.

## **V. Regulatory Information**

On August 02, 2007, Plasma Power of India, submitted an application for the registration of the end use product (EP) Plasma Neem™ Oil (Azadirachtin 3000 ppm) Insecticide (84185-U), and Plasma Neem™ Oil Manufacturing Use Product (84185-G). Both products contain 100% Cold Pressed Neem Oil. A notice of receipt of the application for registration of Cold Pressed Neem Oil as a new active ingredient was published in the Federal Register on October 24, 2007 (72 FR 60365) with a 30-day comment period. No comments were received following this publication.

On October 15, 2009, the Agency granted the registrations of the end use product (EP) Plasma Neem™ (Azadirachtin 3000 ppm) Biological Insecticide and Plasma Neem™ Oil Manufacturing Use Product. Both products contain 100% Cold Pressed Neem Oil.

Consistent with the Agency's new policy for making pesticide registration actions more transparent, EPA provided a 30-day public comment period on the decision to register Cold Pressed Neem Oil. No comments were received during the 30 day public comment period.

## **VI. Registrant Information**

Plasma Power Limited of India,  
c/o OMC Ag Consulting  
828 Tanglewood Lane  
East Lansing, MI 48823.

## **VII. Additional Contact Information:**

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