

Iron HEDTA (034702) Fact Sheet

Summary

Iron is a ubiquitous inorganic element in the environment. Iron HEDTA and other similar chelates like Fe EDTA have been applied as liquid fertilizers in soil and foliar applications for many years to address micronutrient deficiencies in plants. This product is intended for use in residential and commercial areas on lawns, commercial right of ways, golf courses, parks and playgrounds to control weeds, algae and moss using ground equipment. Based on the data reviewed by EPA, Iron HEDTA will not cause adverse effects to humans and other non-target organisms when used according to label directions

I. Description of the Active Ingredient

The active ingredient Iron HEDTA is a deep red, odorless liquid compound.

Active ingredient name: Ferric HEDTA or Iron HEDTA

CAS Registry Number: 17084-02-5

OPP Chemical Code: 034702

II. Use Sites, Target Pests, And Application Methods

- **Use Sites:** For residential and commercial use.
- **Target pests:**Weeds, algae and moss.

III. Assessing Risks to Human Health

The substance used in the toxicity studies was the TGAI/EP containing 26.52% Iron HEDTA. The substance is in Toxicity Category IV for acute oral, acute dermal, acute inhalation toxicity, and eye and dermal irritations. The substance is not a dermal sensitizer. Based on the review and analysis of the guideline studies, no additional toxicity data are required to support non-food uses of this biochemical.

IV. Assessing Risks to the Environment

The substance used in the toxicity studies was the TGAI/EP containing 26.52% Iron HEDTA. The substance is in Toxicity Category IV for acute oral, acute dermal, acute inhalation toxicity, and eye and dermal irritations. The substance is not a dermal sensitizer.

V. Regulatory Information

On August 17, 2007, W. Neudorff GmbH KG, submitted an application for the registration of the end use products (EP) NEU1173H Concentrate herbicide containing 26.52% w/w Iron HEDTA EPA Registration Number 67702-EA, and NEU1173H RTU, containing 1.5 w/w Iron HEDTA EPA Reg. Number 67702-ET. A notice of receipt of the application for registration of Iron HEDTA as a new active ingredient was published in the Federal Register on June 25, 2008 (73 FR 36076) with a 30-day comment period. No comments were received following this publication.

On December 9, 2008, the Agency granted the registration of the end use products (EP) NEU1173H Concentrate herbicide containing 26.52% w/w Iron HEDTA EPA Registration Number 67702-26, and NEU1173H RTU, containing 1.5 w/w Iron HEDTA EPA Reg. Number 67702-27

VI. Registrant Information

W. Neudorff GmbH KG
c/o Walter G. Talarek, P. C.
1008 Riva Ridge Drive
Great Falls, VA 22066

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