

US EPA ARCHIVE DOCUMENT



R.E.D. FACTS

(HOCH2-) methyldithiocarbamate

Pesticide Reregistration

All pesticides sold or distributed in the United States must be registered by EPA, based on scientific studies showing that they can be used without posing unreasonable risks to people or the environment. Because of advances in scientific knowledge, the law requires that pesticides which were first registered before November 1, 1984, be reregistered to ensure that they meet today's more stringent standards.

In evaluating pesticides for reregistration, EPA obtains and reviews a complete set of studies from pesticide producers, describing the human health and environmental effects of each pesticide. To implement provisions of the Food Quality Protection Act of 1996, EPA considers the special sensitivity of infants and children to pesticides, as well as aggregate exposure of the public to pesticide residues from all sources, and the cumulative effects of pesticides and other compounds with common mechanisms of toxicity. The Agency develops any mitigation measures or regulatory controls needed to effectively reduce each pesticide's risks. EPA then reregisters pesticides that meet the safety standard of the FQPA and can be used without posing unreasonable risks to human health or the environment.

When a pesticide is eligible for reregistration, EPA explains the basis for its decision in a Reregistration Eligibility Decision (RED) document. This fact sheet summarizes the information for reregistration case 3076, (HOCH2-) methyldithiocarbamate commonly known as potassium N-hydroxymethyl-N-methyldithiocarbamate.

Use Profile

(HOCH2-) methyldithiocarbamate is used to formulate pesticidal products that control fungus in pulp and paper mills, adhesives, coating hides, leather stock, metal cutting fluids, oil recovery drilling mud, oil recovery packer fluid, paints, resins, emulsions, cellulosic materials, paper-making chemicals, alum solutions, clay slurries and starch solutions.

Regulatory History

In 1974, Buckman Laboratories, Inc. was granted a pesticidal registration for only a potassium N-hydroxymethyl-N-methyldithiocarbamate fungicidal technical product. No end-use registrations were granted for this pesticide. In June 1992, the Agency issued a Data Call-In Notice requesting product

chemistry, ecology, toxicology, exposure and environmental fate data. In August 1994, the registration for that product was voluntarily canceled due to non-payment of maintenance fees. The cancellation order allowed for distribution and sale of existing stock of the canceled technical product from August 1994 through January 1995. In September 2001, the Agency received a letter from Buckman Laboratories International, Inc. acknowledging and confirming that Buckman Lab had no existing product registrations associated with the active ingredient (HOCH2-) methyldithiocarbamate and was not going to support any uses for reregistration.

**Human Health
Assessment and
Environmental
Assessment**

The data base had substantial outstanding data gaps for product chemistry, ecology, environmental fate, exposure and toxicology which were identified and listed as required in the 1992 Data Call-In Notice. With the registrant's decision to cancel the technical product containing this active ingredient, no data was submitted and it was not necessary to perform the risk assessments.

**Regulatory
Conclusion**

Since there are no registered products containing (HOCH2-) methyldithiocarbamate and there have been no requests to register products containing this active ingredient, EPA will not deem any uses of (HOCH2-) methyldithiocarbamate eligible for reregistration.

**For More
Information**

EPA is requesting public comments on the Reregistration Eligibility Decision Fact Sheet for (HOCH2-) methyldithiocarbamate during a 60-day time period, as announced in a Notice of Availability published in the Federal Register. To obtain a copy of the Fact Sheet or to submit written comments, please contact the Pesticide Docket, Public Information and Records Integrity Branch, Information Resources and Services Division (7502C), Office of Pesticide Programs (OPP), US EPA, Washington, DC 20460, telephone 703-305-5805.

Electronic copies of this fact sheet are available on the Internet. See <http://www.epa.gov/REDs>.

Printed copies of the fact sheet can be obtained from EPA's National Service Center for Environmental Publications (EPA/NSCEP), PO Box 42419, Cincinnati, OH 45242-2419, telephone 1-800-490-9198; fax 513-489-8695.

Following the comment period, the (HOCH2-) methyldithiocarbamate fact sheet also will be available from the National Technical Information Service

(NTIS), 5285 Port Royal Road, Springfield, VA 22161, telephone 1-800-553-6847, or 703-605-6000.

For more information about EPA's Antimicrobial Division Pesticide Reregistration Program, please contact the Antimicrobial Division (7510C), OPP, US EPA, Washington, DC 20460, telephone 703-308-6411.

For information about the health effects of pesticides, or for assistance in recognizing and managing pesticide poisoning symptoms, please contact the National Pesticide Information Center (NPIC). Call toll-free 1-800-858-7378, from 6:30 am to 4:30 pm Pacific Time, or 9:30 am to 7:30 pm Eastern Standard Time, seven days a week. Their internet address is <http://npic.orst.edu>. For specific information regarding antimicrobial pesticides call (703) 308-0127.