

Oxamyl (C₇H₁₃N₃O₃S)

What is Oxamyl?

Oxamyl is a restricted use pesticide used on apples, bananas, carrots, celery, citrus, cucumbers, and other food crops and cotton. It is also used on non-bearing apple, cherry, citrus, peach, pear, and tobacco. There are no residential uses.

Does Oxamyl have any additional names?

Trade names include Blade, DPX 1410, Oxamil, Oxamimidic Acid, Pratt, Thioxamil, and Vydate.

What are the known health effects?

Some people who drink water containing Oxamyl in excess of the MCL over many years could experience slight nervous system effects.

How does exposure occur?

Since Oxamyl is no longer used, exposure from food, soil, or air is unlikely to occur. The use of Oxamyl on farms contaminated groundwater, and that could lead to exposure among some populations.

Is this contaminant regulated?

Yes, and water supplied to Mount Laurel MUA customers is in compliance with USEPA and NJDEP requirements. The maximum concentration of Oxamyl permitted in drinking water is 200 ppb; water supplied by the MLTMUA system has not reported any detections of Oxamyl.

How can I reduce exposure?

Oxamyl in drinking water can be removed by point of use granulated activated carbon filtration.

Additional information regarding Oxamyl, including the information referenced, can be found at:

https://www3.epa.gov/pesticides/chem_search/reg_actions/reregistration/fs_PC-103801_1-Nov-00.pdf