

# Dalapon (C<sub>3</sub>H<sub>4</sub>Cl<sub>2</sub>O<sub>2</sub>)

## **What is Dalapon?**

Dalapon is a colorless liquid with an acrid odor sold as sodium or magnesium salt. Dalapon is an herbicide used to control grasses in a wide variety of crops, including fruit trees, beans, coffee, corn, cotton and peas. It is also registered for use in a number of non-crop applications such as lawns, drainage ditches, along railroad tracks, and in industrial areas. The major source of Dalapon in drinking water is runoff from herbicide used on rights of way.

## **Does Dalapon have any additional names?**

Trade names include: Alatex, Basinex P, Dalacide, Dalapon-Na (Dalapon-Sodium), Devipon, Ded-Weed, Dowpon, DPA, Gramevin, Kenapon, Liropon, Radapon, Revenge, and Unipon.

## **What are the known health effects?**

Some people who drink water containing dalapon well in excess of the maximum contaminant level (MCL) for many years could experience minor kidney changes.

## **How does exposure occur?**

The major source of Dalapon in drinking water is runoff from herbicide used on rights of way. In ponds and streams, dalapon disappears via microbial degradation, hydrolysis, and photolysis.

## **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 Dalapon permitted in drinking water is 200 ppb; water supplied by the MLTMUA system has not reported any detections of Dalapon.

## **How can I reduce exposure?**

Dalapon in drinking water can be removed at point of use by granular activated carbon.

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

<http://extoxnet.orst.edu/pips/dalapon.htm>

<https://ohiowatersheds.osu.edu/node/1553>

<https://nepis.epa.gov/Exe/tiff2png.exe/9100PO3C.PNG?-r+75+-g+7+D%3A%5CZYFILES%5CINDEX%20DATA%5C95THRU99%5CTIFF%5C00002435%5C9100PO3C.TIF>