

# Endothall (C<sub>8</sub>H<sub>10</sub>O<sub>5</sub>)

## **What is Endothall?**

Endothall is an organic solid of white odorless crystals. It is used as a defoliant for a wide range of crops and as an herbicide for both terrestrial and aquatic weeds.

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

Endothall is the common name of the active ingredient endothal acid (7-oxabicyclo[2,2,1] heptane-2,3-dicarboxylic acid).

Trade names include Aquathol and Hydrothol 191 and others.

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

Some people who drink water containing endothall in excess of the MCL over many years could experience problems with their stomach or intestines.

## **How does exposure occur?**

Human exposure will principally be by agriculture workers or others who use the chemical or are in the vicinity of fields or bodies of water where endothall is used.

## **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 Endothall permitted in drinking water is 100 ppb; water supplied by the MLTMUA system has not reported any detections of Endothall.

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

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

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

[https://archive.epa.gov/pesticides/reregistration/web/pdf/endothall\\_red.pdf](https://archive.epa.gov/pesticides/reregistration/web/pdf/endothall_red.pdf)

[https://cfpub.epa.gov/ncea/iris/iris\\_documents/documents/subst/0155\\_summary.pdf](https://cfpub.epa.gov/ncea/iris/iris_documents/documents/subst/0155_summary.pdf)