

# DIELDRIN

Dieldrin is an insecticide that was widely used on crops like cotton and corn from the 1950s to 1970. It was also used for killing termites until 1987.



## WHERE IS DIELDRIN FOUND?



Soil



Homes where it was used



Water

## What's the Concern?

Dieldrin does not break down quickly in soil or water. Guam Environmental Protection Agency's Interim Action Levels (IAL) for dieldrin are:

- 0.2 ug/L (parts per billion -ppb) - 1 in 10,000 chance of increased probability developing cancer
- 0.5 ug/L (ppb) - 1 in 4,000 chance of increased probability developing cancer in addition to a non-cancer short term health risk

## How Can I be Exposed?

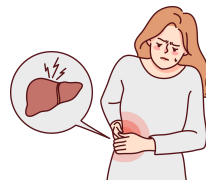
**Drinking water contaminated with dieldrin.**

## How Can Dieldrin Affect my Health?

Dieldrin is classified by the U.S. EPA as a **probable human carcinogen**

Other non-cancer organ-specific toxicity include:

- Liver damage
- Neurotoxicity
  - Confusion, headaches, dizziness, etc.



Liver damage



Confusion



Headaches

For more information on dieldrin, please scan the QR for the full Risk Assessment Document

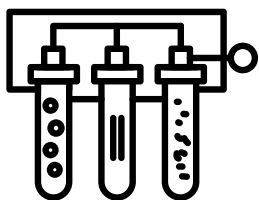


## How Can I Reduce Exposure?



At home dieldrin water treatment

Granular  
Activated  
Carbon



Reverse  
Osmosis



Boiling water will  
**NOT** remove  
dieldrin

## What can I do if my water has levels over the IAL?



Washing  
dishes



Showering



Laundry



Water  
activities



Irrigation



Drinking  
water



Brushing  
teeth



Preparing  
formula



Cooking



Washing  
produce



GUAM EPA | 17-3304 Mariner Avenue Tiyan Barrigada, Guam 96913-1617 | Tel: (671) 588.4751 | Fax: (671) 588.4531 | epa.guam.gov  
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