

Joan Davidson  
1525 Via Arco  
Palos Verdes Estates. CA 90274  
[J135cooper@yahoo.com](mailto:J135cooper@yahoo.com)

Dear Sir,

Methylene oxide is used as a fumigant as well as having other uses, and the EPA has known since at least 20 years that it is a known carcinogen. The NIH has emphatically stated that Ethylene Chloride is a known carcinogen. The EPA is willing to expose innocent populations to find that they will die or develop cancers.

Ethylene oxide is often a biproduct found in the air at production facilities and can be found in landfills. One can also find ethylene oxide as absorbed in vapor form or on particulate matter. This is not controllable by any means. These carcinogens will travel to sensitive populations and cause great exposure.

This exposure of populations will occur to both youth and elderly, vulnerable and sick to its carcinogenic air pollution.

Ethylene oxide is a major metabolite of DDT.  
DDT is also a known carcinogen.

Methylene oxide affects have been observed and studied by scientists for years and the EPA and is still allowed on the market.

Why?

While many members of the public are exposed the EPA has stood still.

This is unacceptable and monitoring it is simply not enough.  
It should be banned period.

The fact that the EPA is suggesting that Ethylene Oxide has NO SIGNIFICANT RISK LEVELS  
Is simply astounding.

Yours truly,  
Joan Davidson

<https://cityofcovington.org/index.php?section=recent-news&prid=63>

## **City of Covington Receives Preliminary Air Testing Results**

***Mayor and Council Call for BD to Temporarily Cease Sterilization Operations***

COVINGTON, Ga. (October 16, 2019)

<https://www.ncbi.nlm.nih.gov/books/NBK590871/>

## Ethylene Oxide

CAS No. 75-21-8

Known to be a human carcinogen

<https://www.eenews.net/articles/epa-warns-communities-facing-cancerous-air-pollution/>

EPA warns communities facing cancerous air pollution

By **Sean Reilly** | 10/10/2023 01:39 PM EDT

VARINA, Va. — First there's the science, laden with ambiguities and loose ends. Then comes the tricky part of explaining it to people directly in harm's way of a cancer-causing chemical.

Thrust into that gap is Madeline Beal, now spearheading an unusual EPA outreach campaign to warn people of their potential exposure to the compound known as ethylene oxide (EtO).

The push stems from research issued in 2016 concluding that EtO was dozens of times more carcinogenic than previously thought. Though urgings to communicate that peril drew pushback from the Trump administration, EPA has since moved forward on relaying the information via community meetings held around the country set to end next month in Florida.

<https://assets.thermofisher.com/TFS-Assets/CAD/Product-Bulletins/thermo-fisher-scientific-ethylene-oxide-solutions-product-news.pdf>

Thermo Fisher Scientific

Waltham, MA

Waltham, MA- August 2, 2023

Thermo Fisher Scientific announces state-of-the-art ethylene oxide monitoring solutions to comply with US EPA's newly proposed NESHAP and FIFRA regulation changes