

## **PROPYLENE OXIDE, a VERSATILE FUMIGANT, a SAFE PESTICIDE**

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Detailed Assessment of the U.S. EPA Reregistration Process.

The U.S. EPA Reregistration was all about Worker and Bystander Safety

Because of the inherent safety of Propylene Oxide the label was expanded

Propylene Oxide is the most Versatile Methyl Bromide replacement.

It is an excellent Pre-Plant fumigant and is also a registered Post Harvest Pesticide. Propylene Oxide is effective against all stages of insects, but is also reduces bacteria and mold on raw foods. This product

is critical to the protection of major agriculture commodities.

Carcinogenicity concerns have been eliminated since the U.S. EPA has recognized that any residual PPO

quickly converts to the food additive, Propylene Glycol, in the human stomach.

Treatment time of Spices has been expanded from 4 hours to 12 hours, while maintaining a residual tolerance level of 300ppm for both Spices and Nuts. Cocoa tolerance has been established at 200ppm. Also, other food commodities, grapes, raisins, figs and prunes are included on the new label.

The rapid hydrolysis of Propylene Oxide to the food additive Propylene Glycol will also make it attractive for use in soil where buffer zones may not be required and ground water will be protected.

A discussion of the current Methods of Use, and emission control.

A review of the Global Regulatory Status of Propylene Oxide.

### **DISCUSSION OF SOME BIG QUESTIONS**

What about Aflatoxin?

What about Medical Devices?