

# Ethylene Oxide Know The Facts!



Ethylene oxide is a versatile chemical used broadly in products throughout our economy.

## Everyday Products Made With Ethylene Oxide



furniture upholstery, carpeting, pillows and clothing



automotive brake fluid, antifreeze and safety glass



household cleansers and industrial cleaners



pharmaceuticals and medical ointments



sterilization of medical devices, bandages and food



cosmetics, shower gels, shampoos and conditioners



de-icing solutions such as those used on aircraft

## Andersen Sterilizers' Enduring Commitment

to patients and our environment

Family owned and operated, Andersen Sterilizers has been dedicated to protecting patients and our environment since its founding more than 60 years ago.

Commercial sterilization facilities operating large pallet chambers can emit hundreds of thousands of pounds of ethylene oxide annually—even after abatement. In contrast, Andersen sterilizers, when equipped with an abator, emit well under a pound of EO per year. Our sterilizers

release a fraction of a gram of EO per cycle—effectively making the process **zero emissions**. Andersen strives to use EO with ever increasing efficiency:

- [EO-Flexible Chamber Technology](#)
- [Zero Emissions](#)
- [Environmental Stewardship Award](#)
- [FDA Innovation Challenge Award](#)

## OTHER VALUABLE RESOURCES

### American Chemistry Council

The American Chemistry Council (ACC) offers additional information on ethylene oxide:

- [EO: An Essential Raw Material](#)
- [EO Safety Facts](#)
- [EO Helps Make Products You Use Every Day](#)

Download these informative fact sheets by going to the [American Chemistry Council](#).

### AdvaMed

Approximately 50% of all medical devices are sterilized with ethylene oxide. For many devices EO sterilization is the only option currently available.

Find out what institutions are using EO sterilization and learn more about the reasons why at the [Advanced Medical Technology Association](#) (AdvaMed).

### Food & Drug Administration

The U.S. Food & Drug Administration (FDA) states that ethylene oxide sterilization is an important sterilization method widely used to keep patients safe.

The FDA features helpful links on EO sterilization. To access links, visit the U.S. Food & Drug Administration's [Sterilization for Medical Devices](#).