

# THE AMERICAN CHEMISTRY COUNCIL'S ETHYLENE OXIDE PANEL



## OUR COMMITMENT TO SAFETY AND PRODUCT STEWARDSHIP

The Ethylene Oxide Panel is a leading source of product stewardship and regulatory information on this important chemical. Companies that make and work with ethylene oxide are actively investing in research and cutting-edge product stewardship technologies so that they can continue to help protect the health of our communities. This starts with the regulations set out by the Environmental Protection Agency and state agencies. But these companies go beyond simply following regulations. They continuously revise and improve industry's safety practices and procedures. They are making progress in three ways:

First, these companies have invested millions of dollars in the research and development of rigorous product stewardship guidelines. Second, they use advanced technologies to track emissions and avoid accidents before they happen, as well as new technologies that support long-term safety. Third, they work together across the industry, sharing best practices for safely producing, shipping, and handling ethylene oxide.

***As a result of these actions, industrial ethylene oxide emissions have already fallen nationwide by over 80% since 2002.***

## RESPONSIBLE CARE® COMPANIES

The Ethylene Oxide Panel promotes the principles of Responsible Care® with respect to the safe handling and use of ethylene oxide.

As the chemical manufacturing industry's environmental health, safety and security performance indicator, Responsible Care® provides a foundation for ACC Ethylene Oxide Panel member companies to safely operate and protect the health and safety of their employees, the communities in which they operate and the environment as a whole.

Have an employee safety record  
**5X BETTER**  
than the U.S. manufacturing sector and almost  
**3X BETTER**  
than the chemical industry overall

Reduced hazardous releases to the air, land and water by  
**84 PERCENT**  
from 1989 to 2016

Cut Greenhouse Gas Intensity by over  
**24 PERCENT**  
since 1992

Improved energy efficiency by  
**19 PERCENT**  
since 1992

Ethylene Oxide Panel member companies implement safety, technology and best practices at every step of the production process – from plant design, to personnel safety precautions, equipment maintenance and preparation, transportation, and loading and unloading operations.

The Ethylene Oxide Panel supports policies based on the best available science and research on health, safety and environmental issues arising from the production, use, storage, transportation and disposal of ethylene oxide.