

ETHYLENE OXIDE



Powering Electric Vehicles and Global Sustainability Efforts

Ethylene oxide (EO) is a versatile building block of chemistry.

It helps make many of the products we use every day, such as household cleaners, plastics, safety glass, adhesives, textiles, and detergents.

One use of ethylene oxide is in the production of lithium-ion batteries, a key power source for electric vehicles.



How is it used?

Ethylene oxide is used to produce ethylene carbonate, which is used in lithium-ion batteries to allow the electricity generated to travel more easily through the battery.



Most EV batteries and raw materials for lithium-ion batteries are currently imported. As the US continues to grow its manufacturing, our member companies are dedicated to the responsible use of ethylene oxide to support the automobile industry.

Sustainability efforts around the world rely on the advancements of electric vehicles, and overly conservative restrictions on the production of ethylene oxide could put the development of electric vehicle batteries at risk.

Our member companies are dedicated to the responsible manufacture and use of ethylene oxide, and we support strong, science-based regulation of this important chemistry.

