

# Ethylene Oxide - An Essential Raw Material for Many Important Products



## Building & Construction

- Architectural Coatings
- Asphalt & cement additives
- Automotive and architectural glass
- Commercial & residential roofing
- Drainage aids
- Epoxy curing agents
- Metalworking fluids
- Polyurethanes
- Solvents
- Textiles / textile additives
- Wood & water treatments



## Transportation

- Automotive seating
- Hydraulic & brake fluids
- Jet fuel anti-icing additives
- Motor vehicle antifreezes
- Noise & vibration reduction products
- EV batteries

## Ethylene Oxide:

- Alkyl Alkanolamines
- Choline Chloride
- Ethanolamines
- Ethyleneamines
- Glycol Ethers
- Glycol Ethers Acetates
- Ethylene Glycols
- Polyurethanes
- Solvents
- Ethylene Carbonate



## Manufacturing Applications

- Cement and glass grinding lubricants
- Heat transfer materials & fluids
- Hydrocarbon purification
- Lubricants
- Metal and industrial cleaning
- Mineral processing
- Natural Gas & oil industry products
- Paper additives
- Rubber and polymer manufacturing
- Semiconductors



## Downstream Products

- Adhesives / paints / inks
- Agrochemicals & oil seed
- Appliance insulation
- Bleach activator
- Carpet backing & furniture cushioning
- Detergents / cleaners / fabric softeners
- Dry cleaning products
- Freeze point lowering solutions
- Packaging film & Bottles
- Personal care products
- Photographic chemicals
- Polyester



## Health & Safety

- Fungicides
- Medical sterilants
- Pharmaceuticals
- Safety glass