



Transporting Chemicals: Essential to Everyday



Chemicals are vital to countless aspects of everyday life and support many important parts of the American economy.

More than 25 percent of the U.S. economy depends on chemistry. Almost 20 percent of chemical shipments travel by rail.

Chemicals, including some that are classified as hazardous materials, are shipped because the country cannot function without them.



Agriculture

Growing and protecting crops;
Preserving and producing food



Energy

Refining gasoline; Generating
and storing electricity



Public Health & Safety

Providing drinking water;
Making life-saving
medicines & equipment;
Providing protective equipment



Manufacturing

Processing Steel;
Developing Semi-Conductors;
Building Cars and Trucks



Widely Used

Chemicals are needed almost everywhere, which means they must be transported from the facilities where they are manufactured to the farms, businesses and communities that require them.



Irreplaceable

The nature and properties of chemicals, including hazardous materials are typically the very thing that makes them useful for a variety of applications and building blocks for other materials. For many critical uses, no suitable substitutes can provide the same measure of performance.



Highly Regulated

Transportation safety is governed by a comprehensive regulatory framework. Chemical producers must use qualified transportation providers and adhere to federal regulations and safety protocols set by carriers to package materials safely and securely before shipment.