

Essential.
Pure.
Hydrocarbons.

Diversified CPC Int'l



Ultra High Purity Hydrocarbons

A Step Above

Our ultra high purity (UHP) hydrocarbons are a step above the competition, which means customers can expect higher performance from our products. Diversified CPC exceeds the composition requirements for 4 9s products, which are grades of 99.99% or higher.

Ultra High Purity Propane <i>Formula: C₃H₈</i>	99.99+%	Ideal for research and production applications that require the elimination of trace contaminants. This grade can be used for creating a calibration standard, performing deposition research, product synthesis, or catalyst evaluation.
Ultra High Purity Isobutane <i>Formula: C₄H₁₀</i>	99.99+%	During the chemical process, we remove moisture and sulfur from the commercial feedstock and then fractionate the isobutane to produce an ultra high purity chemical. For laboratory applications, UHP isobutane enables the evaluation of results without the variables that are present in lower grade materials. For commercial processes, this level of purity translates into lower energy costs and improved yields.
Ultra High Purity Normal Butane <i>Formula: C₄H₁₀</i>	99.99+%	The UHP normal butane is produced to the same high standards as our other saturated hydrocarbons. For laboratory, research, and plant applications, it provides a consistent composition with very low levels of impurities. In most commercial iterations, normal butane feedstocks contain large amounts of the C5+ chemicals. Through Diversified CPC's process, these impurities are removed to consistently produce a 99.99+% grade.
Ultra High Purity 1-Butene <i>Formula: C₄H₈</i>	99.99+%	To meet industry needs, Diversified CPC now offers UHP 1-butene, which is ideal for creating a calibration standard, conducting catalyst research, or evaluating a synthesis application. As a commercial product, 1-butene is readily available; however, the ultra high purity version is not as prevalent. By maintaining an ongoing inventory of this product, we can ensure immediate availability.
Ultra High Purity Propylene <i>Formula: C₃H₆</i>	99.99+%	While propylene is generally associated with cutting and welding applications, its ultra high purity counterpart is the demanded chemical for computer and electronic chip manufacturing and standards, solar panels, and other deposition applications, as well as refrigeration. Unlike commercial grades, UHP propylene improves performance, and reduces downtime and maintenance.



Equipped to Meet Your Needs

Our ultra high purity products are engineered to meet the stringent standards of research laboratories and the demanding requirements of today's top-performing manufacturing facilities. Diversified CPC produces and stocks these chemicals at its headquarters in Channahon, IL., where these hydrocarbons are loaded and shipped from an inventory that has been analyzed prior to your order. Through this operational design, customers know what they are receiving when they order, and the product is available for immediate delivery. Ultra high purity hydrocarbons are available in half ton cylinders, truck transport, and ISO containers.



The Diversified Difference

Diversified CPC International is a global leader in the production of the highest quality specialty gases, aerosol propellants, alternative fuels, NGL refrigerants, and foam blowing agents. In addition to providing quality products, we maintain an unprecedented focus on client satisfaction and offer an array of value-added services. Diversified CPC provides safety and operations consultation, storage tank sales and installation, and supply chain management to help clients meet their safety and operational goals.



24338 West Durkee Road // Channahon, IL 60410

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