



Pure Organic Products

The Pure Gases section (pages C1 to C62), includes a wide range of pure organic products. Praxair's extensive supplier network provides access to a wide range of raw materials. These raw

materials often have more stringent specifications than other commercially available materials. In-house proprietary purification is also used in cases where higher specifications are required.

Technical Support

A highly trained team of field sales representatives, technical support personnel and production chemists provides the guidance and support needed to resolve regulatory, technical and safety issues.

High Purity Organics

Chemical	Grade	Quality	Page Number
1, 3 Butadiene	2.5	99.5%	C11
n-Butane	3.0	99.9%	C12
1-Butene	3.0	99.9%	C13
Ethylene	5.0	99.999%	C21
Halocarbon-22	3.0	99.9%	C23
Halocarbon-134A	2.8	99.8%	C26
Isobutane	4.0	99.99%	C37
Isobutylene	3.0	99.9%	C38
Methane	5.0	99.999%	C40
Propane	4.0	99.99%	C53
Propylene	2.8	99.8%	C54



Petrochemical Mixtures

Praxair provides a wide range of mixtures for both process control and product quality QA/QC.

Impurity Mixtures

Component	Propane	Isopentane	n-Pentane	Propylene
1-3, Butadiene	3.0%	-	-	20 ppm
2,2-Dimethylbutane	-	-	2.0%	-
2,3-Dimethylbutane	-	-	1.0%	-
Benzene	-	-	1.0%	-
n-Butane	3.0%	4.0%	-	40 ppm
cis-2-Butene	3.0%	0.1%	-	50 ppm
trans-2-Butene	3.0%	0.1%	-	30 ppm
Carbon Monoxide	-	-	-	-
Cyclohexane	-	-	2.0%	-
Cyclopentane	-	-	2.0%	-
Ethane	3.0%	-	-	-
Ethylene	3.0%	-	-	-
n-Hexane	-	-	2.0%	-
Isobutane	5.0%	0.6%	-	60 ppm
Isobutylene	-	-	-	40 ppm
Isopentane	-	90.0% (Bal)	5.0%	-
Isoprene	-	0.2%	-	-
Methane	1.0%	-	-	-
Methyl Cyclopentane	-	-	1.0%	-
2-Methylpentane	-	-	2.0%	-

Liquid Containers

Praxair can offer some liquid mixtures in both aluminum cylinders (4L, 2L, 1L, 500 ml, 250 ml) as well as glass ampules. Glass ampules are available in a number of sizes (100 ml, 20 ml, 10 ml, 5 ml, and 2 ml). These containers are effective in maintaining the integrity of complex matrices over extended periods. We continually look for new packaging techniques to enhance our hydrocarbon products. Please call us with your special packaging requests.



Welker® Piston Cylinders

Available in 250cc – 1000cc these highly specialized containers which have working pressures of 2000 psi.