

Isobutane C_4H_{10}

Technical Data

Molecular Weight	58.12
Boiling Point	- 10.9° F
Specific Volume	6.5 cf/lb
Critical Temperature	275° F
Critical Pressure	592.2 psia

Safety Data

Flammable Limits	1.8-8.4% in Air
Toxicity	Mildly anesthetic
Compatibility	Most common metals

Shipping Data

DOT Name	Isobutane
Hazard Class	2.1
ID No.	UN1969
DOT Label	Flammable Gas
CAS. No.	75-28-5

Instrument

Specifications: Min. purity 99.5% (liquid phase)

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW958A	1F	117	31	510	Single-stage	Model 200	124
LW958B	LP5	23	31	510			
LW958C	LP1	6	31	510			
LW958D	LB	0.4	31	180	Lecture Bottle	Model 400	133

C.P.

Specifications: Min. purity 99.0% (liquid phase)

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW958F	1F	117	31	510	Single-stage	Model 200	124
LW958G	LP5	23	31	510			
LW958H	LP1	6	31	510			

Higher Purities of Isobutane are available on request.



Cylinder Scale for Liquefied Gases.
See page 195 and 196.