



Hydrogen Iodide


Description

Formula: HI

Gas Data

Molecular Weight: 127.91
 Density: 5.34 kg/m³ @ 21.1°C, 101.325 kPa
 0.333 lb/ft³ @ 70°F, 14.696 psia
 Specific Volume: 0.187 m³/kg @ 21.1°C, 101.325 kPa
 3.00 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 10034-85-2
 UN Number: UN 2197
 ECCN Number: EAR99
 DOT Proper Shipping Name: Hydrogen Iodide, Anhydrous
 DOT Classification: 2.3, Hazard Zone C (gas poisonous by inhalation)
 DOT Label: INHALATION HAZARD 
 TC Shipping Name: Hydrogen Iodide, Anhydrous
 TC Classification: 2.3
 TC Label: POISON GAS

Cylinder Specifications

Cylinder Size	Valve Outlet CGA No.	Pressure		Approximate Ship Weight	
		psig @ 70°F	kPa @ 21.1°C	lb	kg
4	330	95	655	27	12
LB	180	95	655	13	6

Gas Grade Purity Specifications	Product Code	Cylinder Size	Content		Equipment Recommendations	Model No.	Page No.
			US	Metric			
Hydrogen Iodide, Matheson Purity 99.9%	G1851965	4	5 lb	2.27 kg	Single Stage Reg. LB Regulator Cross Purge	Series 3610A-330 Series 3570-180 4774-330	316 314 422
	G1851975	LB	0.55 lb	250 gm			

A Certificate of Conformance will be provided upon request.