

Marking

CAS-Number 7647-01-0

Characterization acc. ADR UN 1050, Hydrogen chloride, anhydrous, 2.3 (8)
Class 2, 2 TC

Cylinder Marking



shoulder:
yellow

Essential properties

Colourless, toxic, corrosive gas with sticking odor, liquified, heavier than air

Symbols of Risks



toxic



corrosive



gas, compressed

Physical Properties

molecular weight: 36,461 kg/kmol
gas density at 0°C and 1,013 bar: 1,6423 kg/m³
density ratio to air: 1,2702
vapour pressure at 20°C: 42,6 bar

For additional safety information see Material-/safety data sheet No. *-HCL-069

Valves / Manifolds

Valve connection acc. to national standards

Recommended Manifolds Spectrocem SBE 3 + E 51



Specifications / Forms of delivery

		2.8	
Composition			
HCl	>	99,8	Gew.-%
Impurities			
H ₂ O	<	10	ppmw
inert gases	<	2000	ppmw
Cylinders / Contents			
F 10		6,0	kg
F 50		37,0	kg
F 67		50,0	kg

Remarks

Applications:
Chlorination of rubbers and plastics
Precursor for chlorinated compounds

Delivery only with ultimate consumers declaration!
No delivery to private person!