

HYDROGEN CHLORIDE N47 / HCl



Air Liquide's Gas Encyclopedia - Pages: 771 - 778

Applications

R&D

Transport information

Liquified Gases

Proper shipping name	Chlorine hydrogen, anhydrous
UN-Nr	1050
ADR/RID	Class 2
	Classification code 2 TC



Safety Data Sheets

Liquefied gas : N° EIGA069
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	36.5 g/mol
Relative density:	
Relative density, gas	1.3 (air=1)
Colour	Colorless
Odor	suffocating
CAS number	7647-01-0

Properties

Hazards identification: Toxic by inhalation and highly corrosive to the eyes, the respiratory system and the skin

Flammability range: Non-flammable



Cylinder equipment

Shoulder colour:
Yellow (RAL 1018)



Product Specifications

Global purity (% Vol. abs)	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
HCl							
> 99,997 %	H ₂ O	< 2					
	O ₂ + Ar	< 2					
	CO ₂	< 5					
	CH ₄	< 1					
	N ₂	< 10					

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