

# 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

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

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