



Good Price China Factory Supply Superior Quality Cylinder Gas C2h2 Acetylene

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C2h2
- Minimum Order Quantity: 1kg
- Price: US \$25/PC
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 2000 Pcs/Month



Acetylene Gas

Product Specification

- Product Name: Acetylene Gas
- Appearance: Colorless
- Purity: 99.95%
- Boiling Point: -103.9 °C
- Melting Point: -169.4 °C
- Transport Package: Cylinder
- Specification: 40L
- Trademark: CMC
- Origin: China
- HS Code: 29012920
- Supply Ability: 2000cylinder/Month
- CAS No.: 74-86-2
- Formula: C2h2
- EINECS: 200-816-9
- Constituent: Industrial Pure Air



More Images



Product Description

Product Description

Acetylene gas (C2H2) is a colorless, highly flammable gas composed of two carbon atoms bonded to two hydrogen atoms. It is widely used in various industrial applications, particularly in welding, cutting, and chemical synthesis. Here are some key points about acetylene gas:

Properties: Acetylene gas is highly flammable and has a distinctive odor. It is lighter than air, so it tends to rise in the atmosphere. Acetylene is unstable and can decompose explosively when subjected to heat, pressure, or electrical sparks.

Production: Acetylene gas is primarily produced through the chemical reaction between calcium carbide (CaC2) and water (H2O) in a process called hydrolysis:

$$\text{CaC}_2 + 2\text{H}_2\text{O} \rightarrow \text{C}_2\text{H}_2 + \text{Ca(OH)}_2$$

This reaction generates acetylene gas along with calcium hydroxide as a byproduct.

Uses: Acetylene gas has several important applications:

Welding and Cutting: Acetylene gas is commonly used as a fuel in oxyacetylene welding and cutting torches. When mixed with oxygen and ignited, it produces a high-temperature flame suitable for melting and joining metals.

Chemical Synthesis: Acetylene gas serves as a versatile building block for the synthesis of various organic compounds. It is used in the production of plastics, solvents, pharmaceuticals, and other chemicals.

Lighting: In the past, acetylene gas was used in acetylene lamps for portable lighting. However, these lamps have largely been replaced by electric lighting systems.

Calibration Gas: Acetylene gas is sometimes used as a calibration gas in analytical instruments due to its well-defined properties and stability.

Safety Considerations: Acetylene gas is highly flammable and can form explosive mixtures with air. It should be handled with extreme caution, and proper storage, transportation, and handling procedures must be followed to minimize the risk of accidents. Acetylene gas cylinders should be stored in well-ventilated areas away from open flames, heat sources, and ignition sources.

Basic Info.

Model NO.	C2H2	Un	1001
Hazard Class	2.1	Label	Common
Analysis Report	Certificate of Conformity	Chemical Formula	C2h2
Purity	98%	Widely Used	Electronically Conducting Plastics
Product Name	Acetylene	Transport Package	Cylinder/Tank
Specification	40L or others	Trademark	CMC
Origin	Suzhou, Jiangsu, China	HS Code	29012920
Production Capacity	2000cylinder/Month		

Specification:

Gas	Acetylene		Chemical Formula	C2H2
Hazard Class	2.1		Molecular Weight	26.038
CAS	74-86-2		UN	1001
Boiling Point	at 1.013 bar [°C]	-84.15	at 14.5 psi, [°F]	-241.17
Density	at 1.013 bar,15°C, [kg/m³]	1.109	at 1 atm., 70°F, [lb/ft³]	0.068

Detailed Photos







Company

Profile



Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; The products are involved in various industrial fields, such as semiconductor chip, solar cell, LED, TFT-LCD, optical fiber, glass, laser, medicine , etc., Our mission is to partner with our global customers to provide support, solutions and quality products that are innovative, reliable, and safe. Our products mainly include: H₂, O₂, N₂, Ar, CO₂, propane, acetylene, helium, laser mixed gas, SiH₄, SiH₂Cl₂, SiHCl₃, SiCl₄, NH₃, CF₄, NF₃, SF₆, HCL, N₂O, doping mixed gas (TMB, PH₃, B₂H₆) and other electronic gases.

SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



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