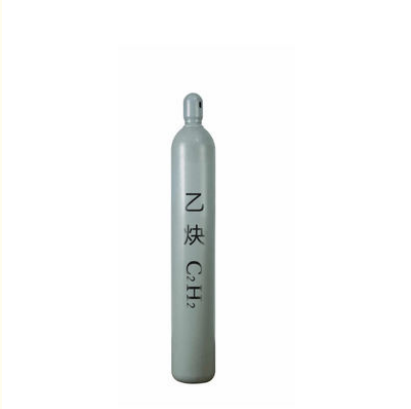
China Factory Best Price wholesale Cylinder Gas Pure C2H2 Acetylene

Our Product Introduction

Basic Information

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



Product Specification

- Product Name: Acetylene Gas
- Valve: Qf-15A
- Boiling Point: -83.4 ºC
- Melting Point: -81.8 ºC
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Cylinder Standard: GB/ISO/DOT
- Specification: 40L
- Trademark: CMC
- Origin: China
- Supply Ability: 2000cylinder/Month
- CAS No.: 74-86-2
- Formula: C2h2
- EINECS: 200-816-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade

More Images

Product Description

OEM Specialty Gas Cylinder C2h2 Pure Acetylene Tank

Acetylene gas, also known as ethyne, is a highly flammable hydrocarbon gas with the chemical formula C2H2. It is colorless and has a distinct odor. Acetylene is composed of two carbon atoms and two hydrogen atoms, connected by a triple bond.
Acetylene is produced industrially by the reaction of calcium carbide (CaC2) with water. This reaction generates acetylene gas, calcium hydroxide, and heat:
CaC2 + 2H2O → C2H2 + Ca(OH)2
Acetylene is commonly used as a fuel gas for welding, cutting, and brazing applications. It has a high flame temperature and can reach up to 3,500 degrees Celsius when burned with oxygen. This high temperature makes acetylene suitable for various metalworking processes that require intense heat.
One of the key features of acetylene is its ability to undergo spontaneous decomposition at high pressures. This decomposition can be dangerous and can result in an explosion if acetylene is stored or transported improperly. To prevent this, acetylene is typically stored dissolved in acetone within specialized cylinders designed to withstand high pressures.
Acetylene has several other industrial applications apart from welding and cutting. It is used in the production of various chemicals, such as vinyl chloride, which is a precursor to polyvinyl chloride (PVC). Acetylene is also employed in the synthesis of organic compounds and as a fuel for portable lamps.
It's important to note that acetylene is highly flammable and requires careful handling. Adequate ventilation and safety precautions must be taken when working with acetylene to minimize the risk of fire or explosion.

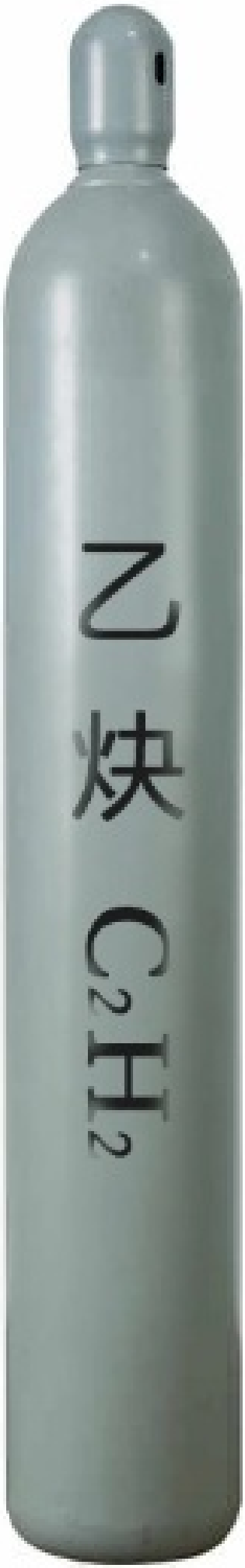
Overview

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		

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 [ºC]	-84.15	at 14.5 psi, [ºF]	-241.17
Density	at 1.013 bar,15ºC, [kg/m³]	1.109	at 1 atm., 70ºF, [lb/ft³]	0.068

Detailed Photos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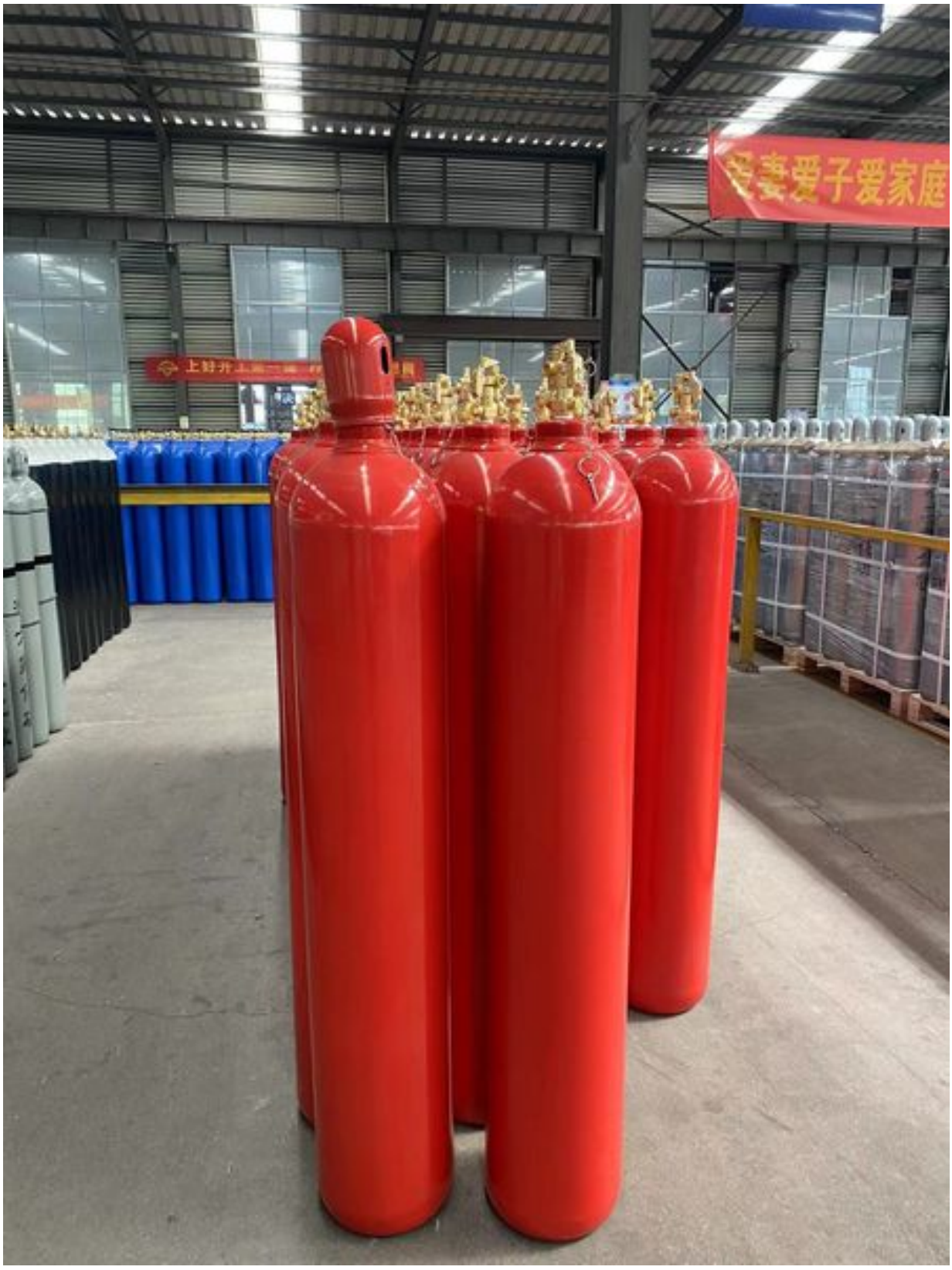
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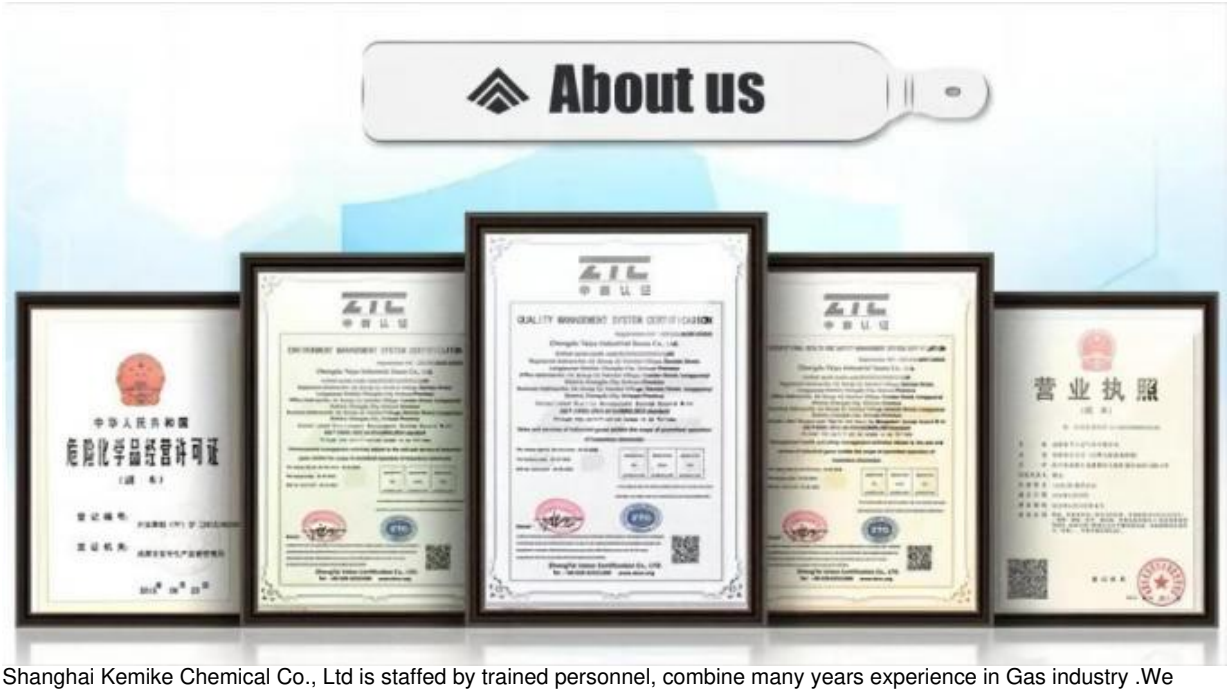

Shanghai Kemike Chemical Co., Ltd is staffed by trained personnel, combine many years experience in Gas industry .We supply cylinder gas, electronic gas, etc ., and the gas holder, panel, valves and fittings and other equipment, parts and engineering services to our customers in China and worldwide; 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.

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