

Good Price China Supply Hot Sell High Purity Ethylene Cylinder Gas

Basic Information

. Place of Origin: China . Brand Name: CMC COA · Certification: C2h4 Model Number: • Minimum Order Quantity: 1kg • Price: US \$2/kg · Packaging Details: Cylinder/Tank • Delivery Time: 15 days Payment Terms: L/C, T/T . Supply Ability: 50000kg/month



Product Specification

• Product Name: Ethylene Gas • Appearance: Colorless 99.9% • Purity: -103.9ºC • Boiling Point: -169.4ºC . Melting Point: • Transport Package: 40L Specification: 40L CMC Trademark: · Origin: China • HS Code: 2812190091

CAS No.: 74-85-1
 Formula: C2h4
 EINECS: 200-815-3

Constituent: Industrial Pure Air



More Images

• Supply Ability:





5000 Tons Per Month

Product Description

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Ethylene gas (C2H4) is a colorless, flammable gas that is widely used in various industrial and agricultural applications. It is an important plant hormone and is also produced industrially for its versatile properties. Here are some key points about ethylene gas:

Properties: Ethylene gas possesses several notable properties:

Flammability: Ethylene is a highly flammable gas that can form explosive mixtures with air. It has a lower flammability limit (LFL) of 2.7% and an upper flammability limit (UFL) of 36%.

Odor: Pure ethylene gas is odorless. However, commercial-grade ethylene often contains impurities that give it a slightly sweet or garlic-like odor. Density: Ethylene gas is slightly lighter than air, so it tends to rise and disperse in the atmosphere.

Production: Ethylene gas is primarily produced through the steam cracking of hydrocarbon feedstocks, such as natural gas, naphtha, or ethane. The feedstock is heated to high temperatures, causing the carbon-carbon bonds to break and yielding a mixture of hydrocarbon gases, including ethylene.

Uses: Ethylene gas has numerous industrial and agricultural applications:

Petrochemical Industry: Ethylene is a key building block for the petrochemical industry. It is used as a raw material in the production of various chemicals, including polyethylene (the most common plastic), ethylene oxide, ethylene glycol, vinyl chloride, and more.

Agriculture: Ethylene is used in agriculture to regulate the ripening of fruits and the senescence (aging) of flowers. It is employed in controlled environments to accelerate the ripening process of certain fruits, such as bananas, tomatoes, and avocados.

Plant Hormone: Ethylene acts as a plant hormone and plays a crucial role in several physiological processes, including fruit ripening, flower opening, leaf senescence, and responses to stress, such as pathogen attack or mechanical damage.

Welding: Ethylene gas can be used as a fuel gas in oxyfuel welding and cutting processes, although it is less common than acetylene.

Safety Considerations: Ethylene gas is flammable and should be handled with caution. Some safety considerations include:

Storage and Handling: Ethylene gas should be stored in appropriate containers or cylinders designed for flammable gases. It should be handled in well-ventilated areas, away from ignition sources and heat.

Fire Hazards: Ethylene gas can form explosive mixtures with air. Proper measures should be taken to prevent the accumulation of flammable concentrations and minimize the risk of ignition.

Toxicity: Ethylene gas itself is not highly toxic. However, it can displace oxygen in confined spaces, leading to an oxygen-deficient environment. Adequate ventilation is crucial when working with ethylene gas.

Basic Info.

Model No:	C2H4	Transport Package	Cylinder
Specification:	40L	Trademark	CMC
Origin:	Suzhou	HS Code	2812190091

Production Capacity: 5000 Tons Per Month

Specification:

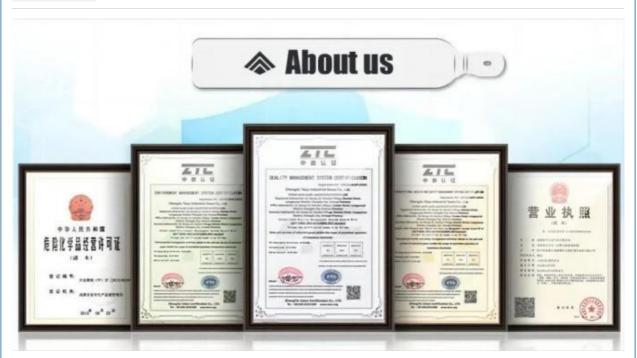
Product Name:	Ethene	
Molecular Formula:	C2H4	
CAS No:	74-85-1	
Formula weight:	28.05	
EC No:	200-815-3	
Grade:	Electron Grade, Industrial Grade	
Purity:	99.999%	
Appearance:	Colorless	
Filling weight (40L):	10kg/cylinder	
Valve NO.:	QF-90A CGA350	
Boiling Point:	?104°C	
Melting Point:	?169°C	
Cylinder Type:	DOT Steel Cylinder	
Cylinder Working Pressure:	150bar	

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.

CH3F H₂S F6+CI2 NH3 WF6 SiCI4 NH3 SiH4 Kr

C2 HCI+Ne C3F8 C3F8 **TEOS** CH4 PH₃ SF6 4MS

C4F8 SiH2 CF4

SiF4 **C3H8** CI2

DCE BBr3 **C3H6**

POCI3 SO2 N2

CO2 BCI3 D2

SiHCI3 CH2F2 HF

TMB+H2

He +As

Ge+Se

D+B

CO+NO

AsH3 C2H2 HBr C2H4 COS Ar+O2

C2H6 GeCl4 Xe+NO **TMAI** DMZn GeH4 H2Se DEZn **B2H6**







Shanghai Kemike Chemical Co.,Ltd