



China Wholesale High Purity Electronic Grade Gas Cylinder C2h4 Gas Ethylene

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C2h4
- 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
- Purity: 99.999%
- Boiling Point: -103.9°C
- Melting Point: -169.4°C
- Transport Package: 40L
- Specification: 40L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 2812190091
- Supply Ability: 5000 Tons Per Month
- CAS No.: 74-85-1
- Formula: C2h4
- EINECS: 200-815-3
- Constituent: Industrial Pure Air



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Product Description

Ethylene gas (C₂H₄) is a colorless, flammable gas with a slightly sweet odor. It is a naturally occurring plant hormone and is also produced industrially for various applications. Ethylene plays a crucial role in plant growth and development and has several industrial uses. Here are some key points about ethylene gas:

Plant Hormone: Ethylene is a naturally occurring plant hormone involved in several physiological processes in plants, including:

Ripening: Ethylene is responsible for the ripening of fruits. It triggers the breakdown of chlorophyll, leading to changes in color, texture, and flavor.

Senescence: Ethylene promotes leaf senescence, leading to the shedding of leaves.

Flowering: Ethylene is involved in the initiation and regulation of flowering in plants.

Stress Responses: Ethylene is produced in response to various environmental stresses, such as drought, flooding, and pathogen attack.

Industrial Applications: Ethylene gas has numerous industrial uses:

Petrochemical Industry: Ethylene is a vital raw material for the production of various chemicals. It is used in the manufacture of polyethylene (the most widely used plastic), ethylene oxide, ethylene glycol, vinyl chloride, and other important chemicals.

Fruit Ripening: Ethylene is used in controlled environments to accelerate the ripening of fruits. It is commonly used in the commercial ripening of bananas, tomatoes, and other climacteric fruits.

Plant Growth Regulators: Synthetic forms of ethylene or ethylene-releasing compounds are used as plant growth regulators or plant growth inhibitors to control plant growth, flowering, and fruiting.

Safety Considerations: Ethylene is a flammable gas and should be handled with caution. Here are some safety considerations:

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

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

Toxicity: Ethylene gas itself is not highly toxic. However, high concentrations of ethylene gas can displace oxygen in confined spaces, leading to an oxygen-deficient environment. Proper ventilation is important when working with ethylene gas.

When working with ethylene gas, it is important to follow all safety guidelines, regulations, and industry best practices to ensure safe handling, storage, and use.

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:	C ₂ H ₄
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

About us



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.

SiCl4	NH3	NH3	CH3F	SiH4	Kr	H2S	WF6	F6+Cl2
4MS	C3F8	C3F8	TEOS	CH4	PH3	SF6	C2	HCl+Ne
CF4	C4F8	SiH2						TMB+H2
SiF4	C3H8	Cl2						He +As
BBr3	C3H6	DCE						Ge+Se
POCl3	N2	SO2						D+B
BCl3	D2	CO2						CO+NO
SiHCl3	CH2F2	HF	AsH3	C2H4	C2H2	HBr	COS	Ar+O2
TMAI	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO



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