



Cylinder Gas High Purity Refrigerant Gas R170 Ethane Gas C₂H₆

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C₂H₆
- 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



Ethane Gas

Product Specification

- Product Name: Ethane Gas
- Melting Point: -172 °C
- Appearance: Colorless, Odorless
- Boiling Point: -88.6 °C
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Valve: Qf-30A/Cga350
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L
- Specification: 40L
- Trademark: CMC
- Origin: Suzhou, China
- HS Code: 2812190091
- Supply Ability: 5000tons/Year
- CAS No.: 74-85-1
- Formula: C₂H₆



More Images



Product Description

Product Description

Ethane (C₂H₆) is a colorless, odorless, and flammable hydrocarbon gas. It is a part of the alkane family and consists of two carbon atoms bonded to six hydrogen atoms.

Here are some key points about ethane gas:

Natural Gas Component: Ethane is a significant component of natural gas, along with methane (CH₄). It usually makes up a smaller percentage of the gas mixture compared to methane. Ethane can be separated from natural gas through the process of natural gas processing and fractionation.

Petrochemical Feedstock: Ethane is an important feedstock in the petrochemical industry. It serves as a raw material for the production of ethylene (C₂H₄), which is a widely used chemical in the manufacturing of plastics, synthetic fibers, and other chemical products. Ethane is typically cracked or thermally decomposed to produce ethylene.

Fuel Source: Ethane can be used as a fuel for heating and cooking. It has a higher energy content compared to methane, making it a more potent fuel source. Ethane can be blended with other hydrocarbon gases for various applications, including residential and industrial use.

Refrigerant: Ethane has been used as a refrigerant in some applications, particularly in low-temperature refrigeration systems. However, its use as a refrigerant has decreased due to its flammability and the availability of more suitable alternatives.

Industrial Applications: Ethane finds use in various industrial processes. It is used as a solvent in chemical reactions, as a fuel in industrial furnaces and boilers, and as a feedstock for the production of ethylene derivatives, such as polyethylene.

It's important to note that ethane is a flammable gas and should be handled with caution. Proper safety measures, including adequate ventilation and appropriate storage and handling procedures, should be followed when working with ethane or any flammable gases.

Basic Info.

Model No:	C2H6	Transport Package	Cylinder
Specification:	40L	Trademark	CMC
Origin:	Suzhou	HS Code	2812190091
Production Capacity:	5000 Tons Per Month		

Product Spectification:

CAS No.: 74-84-0

EINECS No.: 200-814-8

UN No.: UN1033

Purity: 99.5%

Dot Class: 2.1

Appearance: Colorless

Grade Standard: Industrial Grade, electronic Grade

Product Content

Specification	Specification
C2H6	≥99.5%
N2	≤25ppm
O2	≤10ppm
H2O	≤2ppm
C2H4	≤3400ppm
CH4	≤0.02ppm
C3H8	≤20ppm
C3H6	≤200ppm

Application:

Production of Ethylene and Refrigerant:

Raw Material for Production of Ethylene and Refrigerant.

Detailed Photo



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.

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	
			GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	



 **Shanghai Kemike Chemical Co.,Ltd**

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com