



## Cylinder Gas High Purity Refrigerant Gas R170 Ethane Gas C<sub>2</sub>H<sub>6</sub>

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C<sub>2</sub>H<sub>6</sub>
- 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: C<sub>2</sub>H<sub>6</sub>



### More Images



## Product Description

### Product Description

Ethane (C<sub>2</sub>H<sub>6</sub>) 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 (CH<sub>4</sub>). 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 (C<sub>2</sub>H<sub>4</sub>), 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 Specification:

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 |
|-------------------------------|---------------|
| C <sub>2</sub> H <sub>6</sub> | ≥99.5%        |
| N <sub>2</sub>                | ≤25ppm        |
| O <sub>2</sub>                | ≤10ppm        |
| H <sub>2</sub> O              | ≤2ppm         |
| C <sub>2</sub> H <sub>4</sub> | ≤3400ppm      |
| CH <sub>4</sub>               | ≤0.02ppm      |
| C <sub>3</sub> H <sub>8</sub> | ≤20ppm        |
| C <sub>3</sub> H <sub>6</sub> | ≤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: H<sub>2</sub>, O<sub>2</sub>, N<sub>2</sub>, Ar, CO<sub>2</sub>, propane, acetylene, helium, laser mixed gas, SiH<sub>4</sub>, SiH<sub>2</sub>Cl<sub>2</sub>, SiHCl<sub>3</sub>, SiCl<sub>4</sub>, NH<sub>3</sub>, CF<sub>4</sub>, NF<sub>3</sub>, SF<sub>6</sub>, HCL, N<sub>2</sub>O, doping mixed gas (TMB, PH<sub>3</sub>, B<sub>2</sub>H<sub>6</sub>) and other electronic gases.

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





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