# China High Purity Best Price Best Seller C3h8 Cylinder Gas Propane

Our Product Introduction

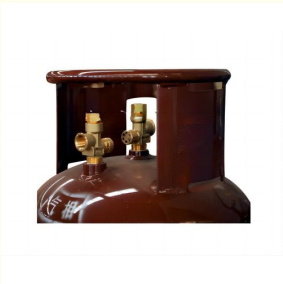
## Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: C3h8
- Minimum Order Quantity: 1kg
- Price: US $3/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year

## Product Specification

- Product Name: Propane Gas
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Valve: Cga350/Bwf-1
- Cylinder Standard: GB/ISO/DOT
- Transport Package: 40L/47L/50L/118L/926L
- Specification: 40L/47L/50L/118L/926L
- Trademark: CMC
- Origin: China
- HS Code: 29011000
- Supply Ability: 1000000ton/Year
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade
- Chemical Property: Inflammable Gas
- Appearance: Colorless, Odorless
- Boiling Point: -42.1 ºC


## More Images



# Product Description

Propane gas (C3H8) is a colorless and odorless flammable gas that is commonly used as a fuel source in various applications. It is a hydrocarbon gas that is liquefied under moderate pressure, making it easier to store and transport. Here are some key points about propane gas:

Properties: Propane gas possesses several important properties:

Flammability: Propane is highly flammable and can form explosive mixtures with air. It has a lower flammability limit (LFL) of 2.1% and an upper flammability limit (UFL) of 9.5%.

Odor: Pure propane gas is odorless. However, an odorant called ethanethiol or mercaptan is typically added to propane to give it a distinct, strong smell. This odor helps in detecting leaks for safety purposes.

Density: Propane gas is heavier than air, so it tends to sink and accumulate in low-lying areas if released.

Production: Propane gas is derived from natural gas processing and petroleum refining. It is often extracted as a byproduct during the production of crude oil and natural gas. Propane can also be produced through the refining of crude oil or during the processing of natural gas.

Uses: Propane gas has a wide range of applications:

Residential and Commercial Heating: Propane is commonly used as a fuel for heating homes, buildings, and water. It is used in furnaces, boilers, water heaters, and space heaters.

Cooking: Propane is widely used as a fuel for cooking appliances such as stoves, ovens, and grills.

Transportation: Propane is used as an alternative fuel for vehicles, particularly in areas where it is readily available. Propane-powered vehicles produce fewer emissions compared to gasoline or diesel-powered vehicles.

Agriculture: Propane is used in agriculture for applications such as crop drying, greenhouse heating, and powering farm equipment.

Industrial Applications: Propane is utilized in various industrial processes, including metal cutting, welding, soldering, and as a fuel source in manufacturing operations.

Recreational Use: Propane is commonly used for recreational activities such as camping, RVing, and boating. It is used for powering portable stoves, grills, and refrigerators.

Safety Considerations: While propane gas is widely used and considered safe, there are some safety considerations:

Ventilation: When using propane indoors, proper ventilation is essential to prevent the buildup of potentially dangerous gas concentrations.

Leak Detection: The distinct odor added to propane helps in detecting leaks. If you smell gas or suspect a leak, it is important to evacuate the area and contact emergency services.

Storage and Handling: Propane should be stored in approved containers or tanks designed for its safe storage. It is important to follow proper storage and handling procedures to prevent accidents.

Regular Inspections: Propane systems, including tanks, valves, and lines, should be regularly inspected and maintained to ensure their safe operation.

**Basic Info.**

| | | | |
|---|---|---|---|
| DOT Class | 2.1 | Un No | 1075 |
| Cylinde | GB/ISO/DOT | Cylinder Pressure | 12.5MPa/15MPa/20MPa |
| Valve | Cga350/Bwf-1 | Melting Point | -187.6 ºC |
| Appearance | Colorless, Odorless | Boiling Point | -42.1 ºC |
| Density | 493 Kg/m³ | Molecular Weight | 44.096 |
| Transport Package | 40L/47L/50L/118L/926L | Specification | 99.50% |
| Trademark | CMC | Origin | China |
| HS Code | 29011000 | Production Capacity | 1, 000, 000ton/Year |


**Specification:**

Dot Class:2.2
State: Liquid
Purity: 99.5%
UN NO: UN1978
CAS NO: 74-98-6
Grade Standard: Industrial Grade

| Specification | ≥99.5 | % |
|---|---|---|
| Methane (CH4) | ≤100 | ppmv |
| Ethane(C2H6) | ≤250 | ppmv |
| Propylene(C3H6) | ≤1000 | ppmv |
| Moisture(H2O) | ≤3 | ppmv |
| Sulfur | ≤1 | ppmv |
| Isobutane(C4H10) | ≤2500 | ppmv |
| N-butane(C4H10) | ≤1000 | ppmv |

## Packaging & Shipping

| Cylinder Specifications | | Contents |
|---|---|---|
| Cylinder Capacity | Valve | Weight |
| 47L | CGA350 | 19 kgs |
| 118L | BWF-1 | 45 kgs |
| 926L | BWF-1 | 375 kgs |
| ISO TANK | | 10 Tons |

## 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.

| Specification | Company Standard |
|---|---|
| C3H6 | ≥ 99.5% |
| Sulfur | < 1 ppm |
| Moisture | < 0.001% |



Shanghai Kemike Chemical Co.,Ltd

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