



## China Best Price C3h8 Propane Cylinder Gas High Purity 99.5% C3H8 Propane

Our Product Introduction

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### 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
- Color: Colorless
- Boiling Point: -42.1 °C
- Melting Point: -187.6 °C
- Grade: Industrial
- Model No.: 99.5%
- Transport Package: 40L/47L/50L/118L/926L
- Specification: 40L/47L/50L/118L/926L
- Trademark: CMC
- Origin: China
- HS Code: 2901100000
- Supply Ability: 1, 000, 000ton/Year
- CAS No.: 74-98-6
- Formula: C3h8
- EINECS: 200-827-9



### More Images



## Product Description

Propane gas (C3H8) is a colorless, odorless, and flammable hydrocarbon gas. It is commonly used as a fuel for various applications. 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, but an odorant called ethanethiol is added to propane for safety reasons. This gives propane its distinctive "rotten egg" or "skunk-like" odor, making it easier to detect in case of leaks.

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

Production: Propane is primarily produced as a byproduct of natural gas processing and petroleum refining. It is extracted from raw natural gas or crude oil through fractionation and purification processes.

Uses: Propane gas has numerous applications:

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

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

Transportation: Propane can be used as an alternative fuel for vehicles. It is commonly used in forklifts, buses, and certain types of vehicles.

Agriculture: Propane is used in agricultural applications such as crop drying, weed control, and heating greenhouses.

Industrial Applications: Propane is used in various industrial processes, including metal cutting, soldering, heat treating, and as a fuel for industrial ovens and furnaces.

Recreational Uses: Propane is used for recreational purposes, such as camping stoves, lanterns, and portable heaters.

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

Storage and Handling: Propane 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.

Leak Detection: The distinctive odorant added to propane makes it easier to detect leaks. If a propane leak is suspected, it is important to evacuate the area and contact emergency services.

Proper Ventilation: When using propane indoors, ensure proper ventilation to prevent the accumulation of propane gas and the potential for oxygen depletion.

Regular Maintenance: Propane equipment should be regularly inspected and maintained to ensure safe operation.

It is important to follow all safety guidelines and regulations when handling and using propane gas, including proper storage, handling, and ventilation practices, as well as adhering to local regulations and codes.

Please note that the handling and use of propane gas may be subject to specific safety regulations and requirements, depending on the jurisdiction and application.

### Basic Info

Transport Package:	40L/47L/50L/118L/926L	Melting Point	-187.6 °C
Trademark:	CMC	Boiling Point	-42.1 °C
Specification	99.50%	Production Capacity	1, 000, 000ton/Year
Cylinder Pressure	15MPa/20MPa	Valve	Cga350/Bwf-1

### 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

**Detailed Photo**



Packaging & Shipping

PACKING & SHIPPING

The diagram compares two shipping methods for gas cylinders. On the left, under the heading 'General supplier', a white container is shown with two yellow cylinders. A callout box with three white cylinders indicates 'Shipping only could be FCL & Single Gas loading.' On the right, under the heading 'Chengdu Taiyu', a green container is shown with multiple cylinders of different colors (blue, green, red, grey) stacked on a wooden pallet. A callout box with five cylinders of different colors indicates 'LCL & Mixed Gas loading is Possible in here.' A 'VS' symbol is placed between the two containers.



## 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	AsH <sub>3</sub>	C <sub>2</sub> H <sub>4</sub>	C <sub>2</sub> H <sub>2</sub>	HBr	COS	Ar+O <sub>2</sub>
TMAI	DMZn	DEZn	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>	Xe+NO






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