High Purity Factory Price Industrial Grade Cylinder Gas C3h8 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: 30 days
- Payment Terms: L/C, T/T
- Supply Ability: 20000 Tons/Year

Product Specification

- Product Name: Propane Gas
- Boiling Point: -42.1 ºC
- Molecular Weight: 44.096
- Melting Point: -187.6 ºC
- Cylinder Pressure: 12.5MPa/15MPa/20MPa
- Transport Package: 40L/47L/50L/118L/926L
- Specification: 40L/47L/50L/118L/926L
- Origin: China
- HS Code: 2901100000
- Supply Ability: 1, 000, 000ton/Year
- CAS No.: 74-98-6
- Formula: C3h8
- EINECS: 200-827-9
- Constituent: Industrial Pure Air
- Grade Standard: Industrial Grade

More Images

Product Description

Product Description

Propane gas, also known as liquefied petroleum gas (LPG), is a flammable hydrocarbon gas composed primarily of propane (C3H8). Here are some key points about propane gas:

Chemical Composition: Propane gas is predominantly composed of propane molecules (C3H8). It may also contain small amounts of other hydrocarbon gases such as butane (C4H10) and propylene (C3H6), depending on the specific composition of the LPG mixture.

Physical Properties: Propane gas is stored and transported as a liquefied gas under moderate pressure. However, when released from its container, it rapidly vaporizes to form a colorless and odorless gas. For safety reasons, an odorant called ethanethiol is typically added to propane to give it a distinct and easily recognizable odor.

Odor: Propane gas has a strong, distinctive odor often described as smelling like rotten eggs or a skunk. This odor is intentional and added specifically to make propane leaks easily detectable.

Combustibility: Propane is highly flammable and can form explosive mixtures with air when it is within the flammable range of approximately 2.1% to 9.5% volume concentration. It has a relatively low autoignition temperature, meaning it can ignite spontaneously in the presence of an ignition source.

Uses: Propane gas has a wide range of applications. It is commonly used as a fuel for heating and cooking in residential, commercial, and industrial settings. Propane is also used as a fuel for vehicles, including propane-powered cars, buses, and forklifts. Additionally, it serves as a feedstock for the production of petrochemicals and is used in various industrial processes.

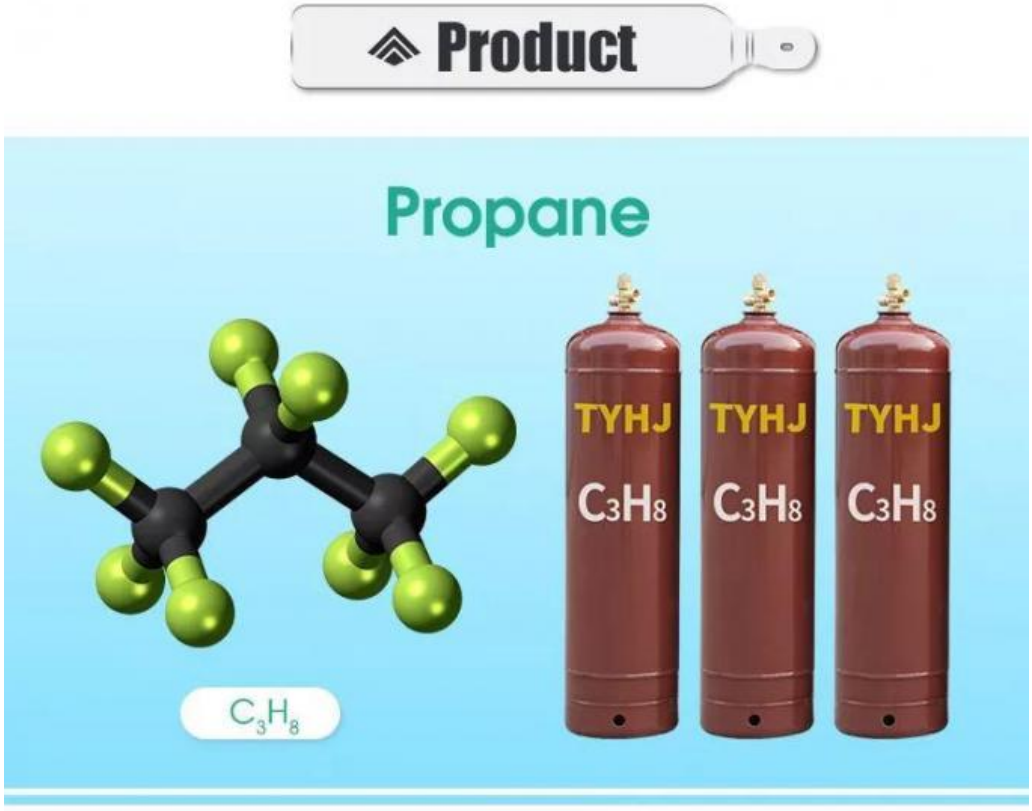
Storage and Handling: Propane gas is typically stored and transported in pressurized containers, such as propane cylinders and tanks. These containers are designed to withstand the pressure of the liquefied gas and ensure safe storage and transportation. Proper handling procedures, including leak detection and ventilation, are essential to ensure safety when working with propane gas.

Safety Considerations: Due to its flammability, propane gas should be handled with caution. It is important to follow safety guidelines and regulations when using and storing propane to minimize the risk of leaks, fires, and explosions. Regular inspections, proper installation of equipment, and adherence to safety protocols are crucial.

Environmental Impact: Propane gas is considered a relatively clean-burning fuel compared to other fossil fuels. When burned, it produces lower levels of greenhouse gas emissions and air pollutants, such as sulfur dioxide and particulate matter, compared to coal or oil. However, propane is still a non-renewable fossil fuel and contributes to carbon dioxide emissions when combusted.

Basic Info

Transport Package:	40L/47L/50L/118L/926L	Melting Point	-187.6ºC
Trademark:	CMC	Boiling Point	-42.1ºC
Specification	99.50%	Production Capacity	5000tons/Year
Cylinder Pressure	12.5MPa/15MPa/20MPa	Valve	Cga350/Bwf-1
Appearance	Colorless, Odorless	Density	493 Kg/M3



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

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
TMAl	DMZn	DEZn	GeH4	C2H6	B2H6	H2Se	GeCl4	Xe+NO

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