99.999% 5n Mixed PH3 Phosphine Cylinder Gas China Factory Best Price

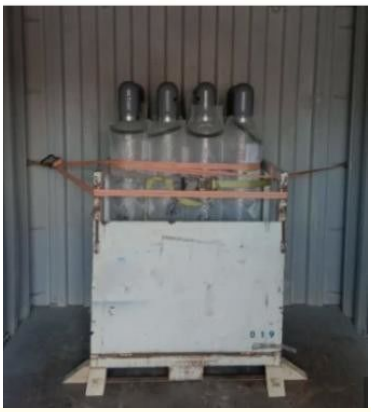
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: PH3
- Minimum Order Quantity: 1kg
- Price: U$ 13000/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month

Product Specification

- Product Name: Phosphine Gas
- Boiling Point: -87.5 ºC
- Melting Point: -133.8 ºC
- Appearance: Colorless
- Transport Package: 20L, 40L, 470L
- Specification: 20L, 40L, 470L
- Trademark: CMC
- Origin: China
- HS Code: 281219009
- Supply Ability: 600t/Year
- CAS No.: 7783-82-6
- Formula: PH3
- EINECS: 7783-82-6
- Constituent: Industrial Pure Air
- Grade Standard: Electronic Grade



More Images

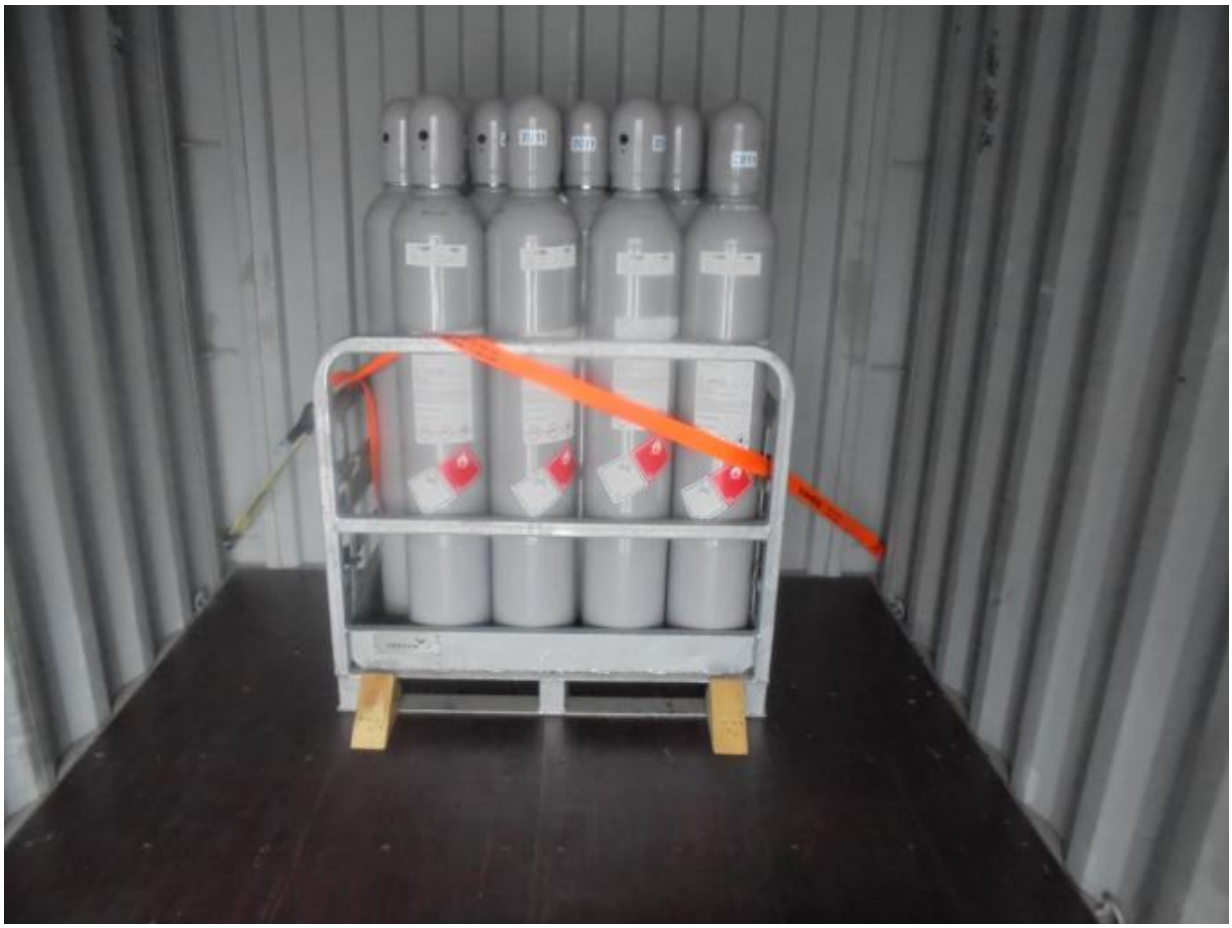
Product Description

Phosphine gas (PH3) is a highly toxic and flammable gas that consists of one phosphorus atom bonded to three hydrogen atoms. It has a pungent odor, similar to that of rotten fish or garlic. Phosphine gas is typically produced through industrial processes or as a byproduct of certain biological activities, such as the decomposition of organic matter.
Here are a few key points about phosphine gas:
1. Toxicity: Phosphine gas is extremely toxic to humans and other organisms. Inhalation of even small amounts can cause severe health effects, including respiratory distress, nausea, dizziness, and even death. Long-term exposure to low levels of phosphine gas can lead to chronic health issues.
2. Industrial Uses: Phosphine gas has various industrial applications. It is used as a fumigant to control pests in stored grain and other agricultural products. It is also employed in the production of semiconductors, as a reducing agent, and as a precursor in the synthesis of various organic compounds.
3. Laboratory Uses: In laboratory settings, phosphine gas is sometimes used as a reducing agent and as a source of phosphorus in chemical reactions. However, its use requires extreme caution due to its toxicity and flammability.
4. Natural Occurrence: Phosphine gas can be found in trace amounts in certain natural environments, including swamps, marshes, and penguin guano. It is produced by microorganisms through the breakdown of organic matter, and its presence in these environments has been of interest to astrobiologists as a potential indicator of biological activity on other planets.
5. Safety Precautions: Handling phosphine gas requires strict safety measures. It should only be used in well-ventilated areas or under fume hoods to prevent inhalation. Protective clothing, including gloves and respiratory protection, should be worn when working with phosphine gas. Proper storage and disposal procedures must be followed to avoid accidents or environmental contamination.

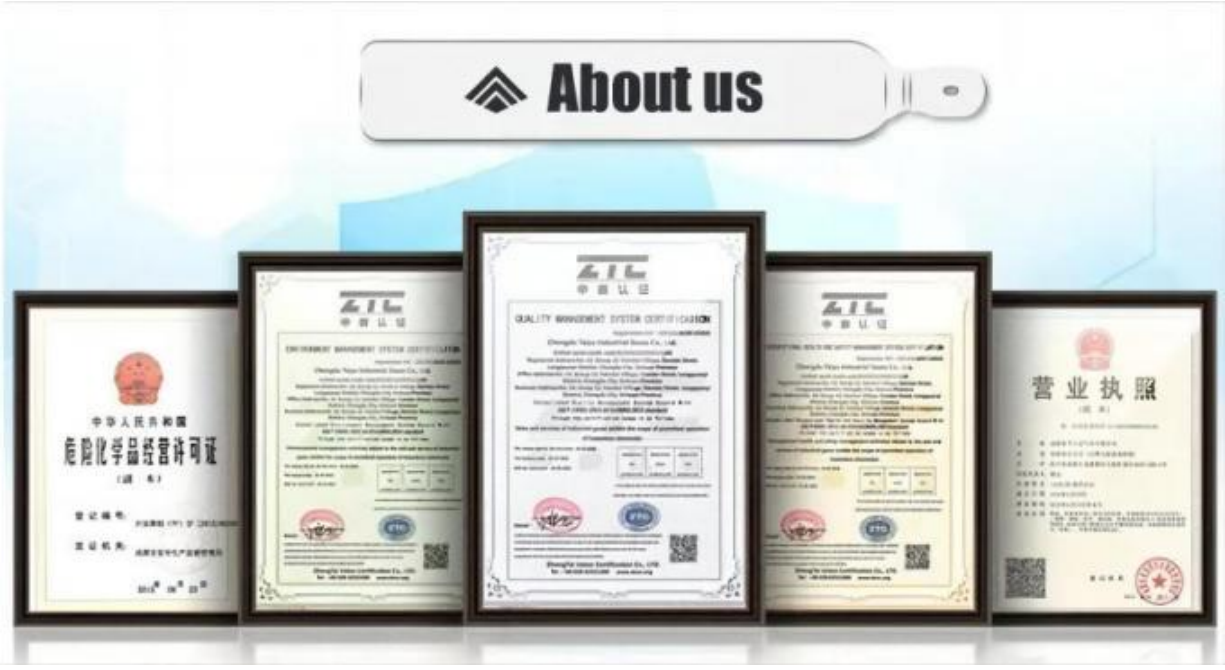
Basic Info.

Model No:	PH3	Transport Package	Y-Cylinder
Specification:	20L/40L/470L	Trademark	CMC
Origin:	Suzhou,China	HS Code	2812190091
Production Capacity:	600t/Year		

Detailed Photos



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.

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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