

# China Factory 5n Phosphine PH3 Cylinder Gas High Purity 99.999% Phosphine

## **Basic Information**

Place of Origin: China
Brand Name: CMC
Certification: COA
Model Number: PH3
Minimum Order Quantity: 1kg

Price: US \$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
Purity: 99.999%
Transport: By Sea

Transport Package: 20L, 40L, 470LSpecification: 20L, 40L, 470L

• Trademark: CMC

Origin: China, Suzhou
 HS Code: 2812190091
 Supply Ability: 600t/Year
 CAS No.: 7783-82-6
 Formula: PH3
 EINECS: 7783-82-6

Constituent: Industrial Pure Air
 Grade Standard: Electronic Grade
 Chemical Property: Non-Flammable Gas



# More Images









## **Product Description**

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metals, halogens, and organic compounds.

Phosphine gas, also known as phosphane, is a colorless, flammable, and toxic gas with the chemical formula PH3. It consists of one phosphorus atom bonded to three hydrogen atoms. Phosphine has a pungent odor that is often described as smelling like garlic or rotten fish. Phosphine is primarily produced by the reaction of a metal phosphide with an acid. It can also be generated through other chemical processes, such as the reduction of phosphorus compounds. Phosphine is highly reactive and readily combines with many substances, including various

Phosphine is used in several industrial applications. It is commonly employed as a fumigant for stored grain, as it effectively kills insects and pests. Additionally, phosphine is used in the semiconductor industry for doping silicon and as a reducing agent in the production of certain chemicals. It is also used in the synthesis of various organic compounds and as a laboratory reagent.

However, it's important to note that phosphine gas is highly toxic and poses significant health hazards. Inhalation of phosphine can cause respiratory distress, damage to the nervous system, and even be fatal in high concentrations. Therefore, appropriate safety measures and precautions should be followed when handling or working with phosphine gas.

#### 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.

CH3F F6+CI2 NH3 H<sub>2</sub>S WF6 SiCI4 NH3 SiH4 Kr

**TEOS** HCI+Ne 4MS C3F8 C3F8 CH4 PH<sub>3</sub> SF6 C2

C4F8 SiH2 CF4

SiF4 **C3H8** CI2

DCE C3H6 BBr3

POCI3 **SO2** N2

BCI3 D2 CO2

SiHCI3 CH2F2 HF

DMZn **TMAI** DEZn AsH3

GeH4

**C2H4** 

C2H6

**B2H6** 

C2H2

H2Se

HBr

GeCl4

COS

Xe+NO

TMB+H2

He +As

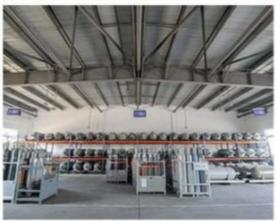
Ge+Se

D+B

CO+NO

Ar+O2







Shanghai Kemike Chemical Co.,Ltd