

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

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



Phosphine

Product Specification

• Product Name: Phosphine Gas . Boiling Point: -87.5 ºC -133.8 ºC . Melting Point: Colorless • Appearance: • Transport Package: 20L, 40L, 470L Specification: 20L, 40L, 470L Trademark: CMC • Origin: China

Supply Ability: 600t/Year
 CAS No.: 7783-82-6
 Formula: PH3
 EINECS: 7783-82-6

281219009

EINECS: 7/83-62-6
 Constituent: Industrial Pure Air
 Grade Standard: Electronic Grade



More Images

• HS Code:







Product Description

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.

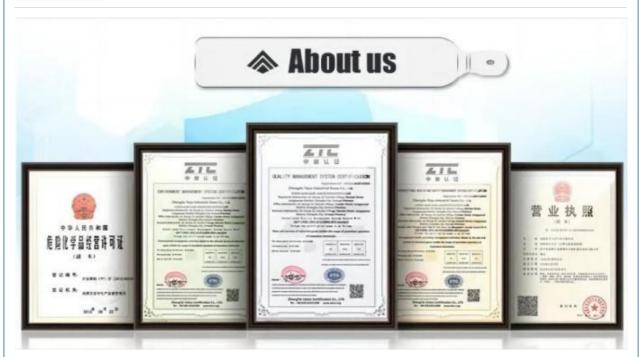
Model No: PH3 Transport Package Y-Cylinder
Specification: 20L/40L/470L Trademark CMC
Origin: Suzhou,China HS Code 2812190091
Production Capacity: 600t/Year

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.

CH3F F6+CI2 NH3 H₂S WF6 SiCI4 NH3 SiH4 Kr

TEOS HCI+Ne 4MS C3F8 C3F8 CH4 PH₃ 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

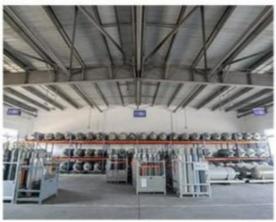
Ge+Se

D+B

CO+NO

Ar+O2







Shanghai Kemike Chemical Co.,Ltd