



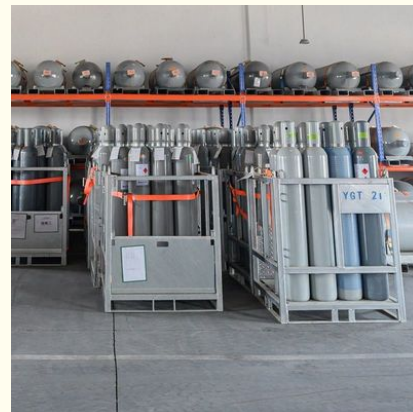
China Best price High Purity 99.999% Ash3 Cylinder Gas Arsine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: Ash3
- Minimum Order Quantity: 1kg
- Price: US \$1400/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month



Product Specification

- Product Name: Arsine.
- Transport: By Sea
- Package: Cylinder
- Purity: 99.999%
- Transport Package: 20L, 40L, 470L
- Specification: 20L, 40L, 470L
- Trademark: CMC
- Origin: China
- HS Code: 2812190091
- Supply Ability: 600t/Year
- CAS No.: 7783-82-6
- Formula: Ash3
- EINECS: 7783-82-6
- Constituent: Industrial Pure Air
- Grade Standard: Electronic Grade



More Images



Product Description

Product Description

Arsine gas, also known as arsine (AsH_3), is a highly toxic and flammable compound composed of arsenic and hydrogen. It is colorless, has a faint odor of garlic or rotten fish, and is heavier than air. Arsine gas is primarily used in the semiconductor industry for the production of electronic components.

Here are some key points about arsine gas:

Toxicity: Arsine gas is extremely toxic and poses a significant health hazard. It can enter the body through inhalation, ingestion, or skin contact. Even small amounts of arsine gas can be lethal. The toxic effects are due to the release of arsenic into the bloodstream, which can cause damage to red blood cells, liver, kidneys, and the nervous system.

Odor: Arsine gas has a garlic-like or fishy odor, but it is often described as being detectable at extremely low concentrations. The odor is not a reliable indicator of arsine gas presence, and relying on smell alone is not a safe approach.

Flammability: Arsine gas is highly flammable and can form explosive mixtures with air. It can ignite spontaneously at room temperature or upon exposure to heat, sparks, or open flames. The combustion of arsine gas produces water vapor and arsenic trioxide, which is a toxic solid.

Industrial Use: Arsine gas is primarily used in the semiconductor industry during the production of electronic devices. It is employed in the process of doping silicon wafers to modify their electrical properties. However, strict safety measures are in place to prevent exposure to arsine gas in industrial settings.

Safety Precautions: Due to its extreme toxicity, handling arsine gas requires stringent safety precautions. These may include working in well-ventilated areas, using specialized equipment and protective clothing, implementing gas monitoring systems, and having emergency response plans in place.

Health Effects: Inhalation of arsine gas can cause symptoms such as headache, dizziness, nausea, vomiting, abdominal pain, and muscle weakness. Severe exposure can lead to respiratory distress, cardiac abnormalities, organ failure, and even death. Long-term exposure to low levels of arsine gas may result in chronic effects on the nervous system, skin, and various organs.

In summary, arsine gas is a highly toxic and flammable compound used in the semiconductor industry. It poses significant health risks and must be handled with extreme caution to prevent exposure and potential harm to individuals.

Basic Info.

Model No:	AsH3	Transport Package	Y-Cylinder
Specification:	20L/47L/470L	Trademark	CMC
Origin:	Suzhou,China	HS Code	2812190091
Production Capacity:600t/Year			

Detailed Photo











Packaging & Shipping

Package	Volume	Weight	Valve connection
Cylinder	47L	27KG	DISS632

Company Profile

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: 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.


SiCl ₄	NH ₃	NH ₃	CH ₃ F	SiH ₄	Kr	H ₂ S	WF ₆	F ₆ +Cl ₂
4MS	C ₃ F ₈	C ₃ F ₈	TEOS	CH ₄	PH ₃	SF ₆	C ₂	HCl+Ne
CF ₄	C ₄ F ₈	SiH ₂						TMB+H ₂
SiF ₄	C ₃ H ₈	Cl ₂						He +As
BBr ₃	C ₃ H ₆	DCE						Ge+Se
POCl ₃	N ₂	SO ₂						D+B
BCl ₃	D ₂	CO ₂						CO+NO
SiHCl ₃	CH ₂ F ₂	HF						Ar+O ₂
TMAI	DMZn	DEZn						Xe+NO
			AsH ₃	C ₂ H ₄	C ₂ H ₂	HBr	COS	
			GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	



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