



H2s Hydrogen Sulfide Cylinders Gas Industrial Applications Best Price

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: CMC
- Certification: COA
- Model Number: H2s
- Minimum Order Quantity: 1kg
- Price: US \$15/kg
- Packaging Details: Cylinder/Tank
- Delivery Time: 15 days
- Payment Terms: L/C, T/T
- Supply Ability: 5000kg/month

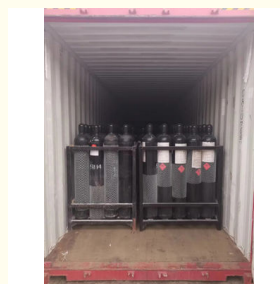


Product Specification

- Product Name: Hydrogen Sulfide
- Melting Point: -85.5 °C
- Appearance: Colorless, Rotten Egg Smell
- Boiling Point: -60.4 °C
- Cylinder Pressure: 15MPa/20MPa
- Valve: Cga330
- Cylinder Standard: DOT/ISO/GB
- Transport Package: 47L, 800L
- Specification: 47L, 800L
- Trademark: CMC
- Origin: China
- HS Code: 28309090
- Supply Ability: 20000tons/Year
- CAS No.: 7783-06-4
- Formula: H2s



More Images



Product Description

Product Description

Hydrogen sulfide (H₂S) is a colorless, flammable gas with a distinct odor of rotten eggs. It is commonly referred to as sulfide

hydrogen gas or hydrogen sulfide. Here are some key points about hydrogen sulfide:

1. **Chemical Composition:** Hydrogen sulfide consists of two hydrogen atoms bonded to a sulfur atom, resulting in the chemical formula H₂S.
2. **Occurrence:** Hydrogen sulfide can be found naturally in certain geological formations, such as sulfur springs, volcanic gases, and some natural gas deposits. It can also be produced by the bacterial breakdown of organic matter, commonly found in swamps, sewers, and livestock facilities.
3. **Odor and Toxicity:** Hydrogen sulfide has a strong, pungent odor resembling that of rotten eggs, even at low concentrations. It is highly toxic and can be harmful to humans and animals when inhaled or exposed to high concentrations. At low concentrations, it can cause eye and respiratory irritation, while higher concentrations can lead to loss of consciousness, respiratory failure, and even death.
4. **Industrial Applications:** Despite its toxicity, hydrogen sulfide has various industrial applications. It is used in the production of chemicals, such as sulfuric acid, and for the synthesis of metal sulfides. It is also used in the petroleum industry as a desulfurizing agent and as a precursor for elemental sulfur production.
5. **Safety Precautions:** Due to its toxicity, it is important to handle hydrogen sulfide with caution. Exposure to high concentrations should be avoided, and proper ventilation is crucial when working in areas where hydrogen sulfide may be present. Personal protective equipment, such as respirators and gas detectors, should be used when working with or around hydrogen sulfide.
6. **Environmental Impact:** Hydrogen sulfide can have negative effects on the environment. When released into the atmosphere, it contributes to the formation of acid rain. In aquatic environments, it can be toxic to fish and other aquatic organisms, especially at high concentrations. It is important to note that hydrogen sulfide is a hazardous gas, and if you encounter it or suspect its presence, it is recommended to seek professional assistance and follow appropriate safety procedures.

Basic Info.

DOT Class	2.3 & 2.1	Un No	1053
Cylinde	DOT/ISO/GB	Cylinder Pressure	15MPa/20MPa
Valve	Cga330	Melting Point	-85.5 °C
Appearance	Colorless, Rotten Egg Smell	Boiling Point	-60.4 °C
Density	1.36 Kg/M3	Molecular Weight	34.08
Transport Package	47L, 800L	Specification	99.5%, 99.9%
Trademark	CMC	Origin	China
HS Code	28309090	Production Capacity	2000 Tons/Year

Specification:

Specification	Company Standard
H ₂ S	≥ 98%
H ₂	≤ 0.08%
CO ₂	≤ 1.6%
N ₂	≤ 0.08%
C ₃ H ₈	≤ 0.02%
O ₂	≤ 0.02%
Moisture	≤ 50 ppm

PRODUCT DETAILS



PRODUCT LINE



Detailed Photos







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	Ar+O ₂			
GeH ₄	C ₂ H ₆	B ₂ H ₆	H ₂ Se	GeCl ₄	Xe+NO			



 Shanghai Kemike Chemical Co.,Ltd

 +86 18762990415

 williamchen@cmc-chemical.com

 gascylindertank.com