

## Hydrogen

## Transportation Information

UN Number: 1049



## Formula

H<sub>2</sub>

## MSDS Reference

P-4604

## CAS Number

1333 - 74 - 0

## General Description

Colorless, odorless, flammable gas.

Shipping Name	Hydrogen, Compressed	Hydrogen, Compressed	Hydrogen, Compressed
Hazard Class	2.1	2.1	2.1
Label	Flammable Gas	Flammable Gas	Flammable Gas

## Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content ft <sup>3</sup> /m <sup>3</sup>	Regulator Recommendations See Section F, Page 1
HY 6.0RS	6.0 Research	99.9999 %	T	261/7.24	Valve Panel
		O <sub>2</sub> < 0.1 ppm H <sub>2</sub> O < 0.5 ppm CO <sub>2</sub> < 0.1 ppm CO < 0.1 ppm THC < 0.1 ppm N <sub>2</sub> < 0.5 ppm Ar < 0.1 ppm	K	196/5.44	4000 Series: Non-corrosive
HY 5.0MF	5.0 Methanizer FID	99.999 %	T	261/7.24	4000 Series: Non-corrosive
		O <sub>2</sub> < 1 ppm H <sub>2</sub> O < 3 ppm CO <sub>2</sub> < 5 ppb CO < 5 ppb THC < 0.5 ppm N <sub>2</sub> < 3 ppm	K	196/5.44	
HY 5.0UH	5.0 Ultra High Purity	99.999 %	T	261/7.24	4000 Series: Non-corrosive
		O <sub>2</sub> < 1 ppm H <sub>2</sub> O < 3 ppm THC < 0.5 ppm	K Q	196/5.44 65/1.80	
HY 4.5TC	4.5 Total Organic Carbon	99.995 %	T	261/7.24	3000 Series: Non-corrosive 2000 Series: Non-corrosive
		H <sub>2</sub> O < 5 ppm CO <sub>2</sub> < 0.1 ppm CO < 0.1 ppm THC < 0.1 ppm			
HY 4.5Z	4.5 Zero	99.995 %	T	261/7.24	3000 Series: Non-corrosive 2000 Series: Non-corrosive
		THC < 0.5 ppm	K	196/5.44	

