HiQ® Specialty Gases Finder.

Hydrogen  H2

CAS: 1333-74-0   EC: 215-605-7   UN: 1049 (Compressed); 1966 (Refrigerated liquid)

HiQ Hydrogen 4.6
HiQ Product Code: 124
Purity >= 99.996%
Impurities [ppm]
99.996%  H2O=<5  O2=<5

HiQ Hydrogen 5.0
HiQ Product Code: 125
Purity >= 99.999%
Impurities [ppm]
99.999%  H2O=<3  O2=<2  CnHm=<0.5  N2=<5

HiQ Hydrogen 6.0
HiQ Product Code: 126
Purity >= 99.9999%
Impurities [ppm]
99.9999%  H2O=<0.5  O2=<0.5  CnHm=<0.1  CO=<0.1  CO2=<0.1  N2=<0.5

HiQ Hydrogen 5.0 Zero
HiQ Product Code: 127
Purity >= 99.999%
Impurities [ppm]
99.999%  H2O=<3  O2=<2  CnHm=<0.2  CO=<1  CO2=<1  N2=<5

HiQ Hydrogen 7.0
HiQ Product Code: 128
Purity >= 99.99999%
Impurities [ppm]
99.99999%  H2O=<50 ppb  O2=<30 ppb  CnHm=<30 ppb  CO=<30 ppb  CO2=<30 ppb

Typical Filling Pressure:  15 °C: 200 bar(a)  70 °F: 2,400 psi(g)

Characteristics
Flammable. Odourless and colourless gas.

This is a promotional data sheet, for a full Safety Data Sheet, please contact your local Linde subsidiary.

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Hazard classifications
EC C&L

EU GHS C&L - Reg 1272/2008
Signal Word: DANGER

R-Phrases
R12: Extremely flammable

H-Statements
Physical Hazards
Compressed Gas -> H280:
Contains gas under pressure; may explode if heated
Refrigerated Gas -> H281:
Contains refrigerated gas; may cause cryogenic burns or injury.
H220:
Extremely flammable gas

Applications of this gas in pure form, or component in a gas mixture.

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