Nitrous oxide  N2O
R-744A

CAS: 10024-97-2  EC: 233-032-0  UN: 1070; 2201 (Refrigerated liquid)

Nitrous oxide 2.5
Purity >= 99.5% (Contact local team for exact specification)

HiQ Nitrous oxide 2.5 AAS
Purity >= 99.5% (Contact local team for exact specification)

Impurities [ppm]
Air<=5,000

HiQ Nitrous oxide 4.5
Purity >= 99.995% (Contact local team for exact specification)

Impurities [ppm]
H2O<=5  O2<=5  N2<=25  CO<=1  CO2<=10  CnHm<=2

HiQ Nitrous oxide 5.0
Purity >= 99.999% (Contact local team for exact specification)

Impurities [ppm]
H2O<=1  O2<=1  N2<=5  CO<=1  CO2<=1  CnHm<=1

Typical Filling Pressure:  15 °C: 46 bar(a)  70 °F: 745 psi(g)

Characteristics
Colourless and odourless gas.

Substance not included in Dir. 67/548/EEC Annex 1 and in Reg. 1272/2008 table 3.1.

Hazard classifications
EC C&L

Proposed by the Industry
Signal Word: DANGER

R-Phrases
R8:
Contact with combustible material may cause fire

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.
H270:
May cause or intensify fire, oxidiser
Applications of this gas in pure form, or component in a gas mixture.