

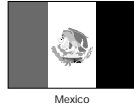


Pure Gases

Nitrous Oxide

Transportation Information

UN Number: 1070



Shipping Name	United States of America	Canada	Mexico
Shipping Name	Nitrous Oxide	Nitrous Oxide	Nitrous Oxide
Hazard Class	2.2	2.2 (5.1)	2.2
Label	Nonflammable Gas, Oxidizer	Nonflammable Gas	Nonflammable Gas, Oxidizer

Formula

N₂O

MSDS Reference

P-4636

CAS Number

10024 - 97 - 2

General Description

Colorless, oxidizing, liquified gas with a slightly sweetish taste and odor.

Product and Package Information

Part Number	Product Grade	Quality Assay/ Specification	Cylinder Style	Content	Regulator Recommendations See Section F, Page 2
NS 2.5AA	2.5 Atomic Absorption	99.5% (liquid phase)	K	64 lb/29 kg	308 Series: Special Purpose
NS 5.5SP	5.5 Semiconductor Process Gas	99.9995% O ₂ < 0.5 ppm H ₂ O < 1 ppm N ₂ < 3 ppm THC < 0.1 ppm CO ₂ < 0.5 ppm CO < 0.1 ppm NH ₃ < 0.1 ppm NO ₂ < 0.1 ppm NO < 0.1 ppm	K	64 lb/29 kg	700 Series: Semiconductor 400 Series: Non-corrosive 308 Series: Special Purpose
NS 4.8SP	4.8 Semiconductor Process Gas	99.998% O ₂ < 2 ppm H ₂ O < 3 ppm N ₂ < 8 ppm THC < 1 ppm CO ₂ < 2 ppm CO < 1 ppm NH ₃ < 1 ppm NO ₂ < 1 ppm NO < 1 ppm	K	64 lb/29 kg	700 Series: Semiconductor 400 Series: Non-corrosive 308 Series: Special Purpose

When ordering, please add the desired cylinder style to the end of the above part number.

Add "D" for DISS connection (NS 4.8SP-**KD**)

See Sections G and H for safety and technical information.

Cylinder Information

Cylinder Style	Connection CGA/DISS	Pressure psig/bar	Gross Weight lb/kg
K	326/712	745/51.36	175/80

See Section E – Medical Gases for Nitrous Oxide – U.S.P. Grade (E26)

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