

**EUROGAS S.r.l.**

Via Pradazzo, 22 – 26012 Castelleone (CR)

Tel. 0374.57191 - Fax 0374.57840

www.eurogasitalia.it e-mail: info@eurogasitalia.it PEC: eurogas@pec.it
R.E.A CR 72602 - P.I., Reg. Imprese CR, C.F. 00113930192. C.S.I.V. 12.000,00 €**DATA SHEET****Cod. EURO-STS40****Rev. 06 Date: 01/2024****Product: NITROUS OXIDE E942 LIQUID****Substance composition:**

Assay (N ₂ O)	≥ 99,0 % v/v
Carbon monoxide (CO)	≤ 30 ppm
Nitrogen oxides (NO e NO ₂)	≤ 10 ppm
Humidity (H ₂ O)	≤ 500 vpm

Purity requirements complying with Regulation (EU) no. 231/2012 of 9-03-2012 which establishes the specifications of the food additives listed in Annexes II and III of Regulation (EC) no. 1333/2008.

Physico-chemical properties

Chemical formula:	N ₂ O
Classification:	comburent
Colour:	colourless
Smell:	sweet
Molecular weight:	44.013 g/mol
Density (g/ cm ³):	1,2 (at 0°C and 1 bar)
Solubility in water (g/l):	567 (at 20°C)
CAS Number:	10024-97-2
EINECS Number:	233-032-0

Usage

Liquid transferred into cryogenic containers / evaporators and reused, suitably gasified, in the food sector in the preservation and packaging of food in modified atmosphere.

Transport containers

The product is distributed in the liquid state by tanker.

Labeling

In compliance with ADR.

This data sheet is subject to the liability limits specify in the following page, unless otherwise specified in the supply contract.



EUROGAS S.r.l.

Via Pradazzo, 22 – 26012 Castelleone (CR)

Tel. 0374.57191 - Fax 0374.57840

www.euogasitalia.it e-mail: info@euogasitalia.it PEC: euogas@pec.it
R.E.A CR 72602 - P.I., Reg. Imprese CR, C.F. 00113930192. C.S.I.V. 12.000,00 €



LIABILITY LIMITS

EUROGAS is not responsible for the use or the consequences of using the information contained in this Technical Data Sheet.

The information contained in this Technical Data Sheet is based on technical information and experience currently available from EUROGAS.

EUROGAS does not undertake any commitment, nor does it provide any guarantee, regarding the completeness of this document and does not give any explicit or implicit guarantee, including, by way of example but not limited to, the guarantee of suitability of the product for a specific use.

This document should not be confused with insurance regulations or requirements. Furthermore, this document should not be assumed to contain every classification, precaution, method and device for control and / or use.

It is up to those who use this document to make sure that they have the latest revision (readily available on our website in the appropriate section).

EUROGAS may, at its discretion and without notice, add, delete or modify the information contained in this Technical Data Sheet.

It is strictly forbidden to copy or reproduce this Technical Data Sheet in whole or in part without the written authorization of EUROGAS, as well as distribute it to third parties or use it in a way that would harm the interests of EUROGAS. EUROGAS reserves and holds the property rights on this Technical Data Sheet.

The trademarks, trade names, logos shown in this Technical Data Sheet are the property of EUROGAS or of a third party from which EUROGAS has obtained the right of use.