



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,

Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418678

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

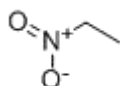
Technical Data Sheet

Nitroethane

Product information

Chemical Name Nitroethane

Structural



formula :

Molecular

formula: C₂H₅NO₂

Molecular

Weight: 75.07

Appearance Colorless to slight yellow transparent liquid

Purity ≥99%

CAS.NO. 79-24-3

EINECSNo. 201-188-9

Safety term UN 2842 3/PG 3

Physical

Characters: Melting point: -90°C

Boiling point: 114~115°C(lit.)

Density : 1.045 g/mL at 25 °C(lit.)

Flash point : 87 ° F

Water solution : 4.6 g/100 mL (20 ° C)

Specification

Items	Specification	Results
Appearance	Colorless to slight yellow transparent liquid	Conforms
Assay	≥99%	99.89%

Density	1.01-1.09	1.050
Refractive index	1.36-1.42	1.3920
Boiling point	112-115oC	114.6oC
Water	≤0.2%	0.035%
Total impurities	≤1%	0.10%
Single rity	≤0.5%	0.04%

Packing

200 kgs/drumx80 drums=16tons/1x20' FCL
 1000kgs/IBC drumx20drums=20tons/1x20'FCL

Application

Used for industrial solvent and pharmaceutical intermediates

Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418695
Fax: (0086) 551 5418697
Email: info@tnjchem.com
Site: www.tnjchem.com