



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418695

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Technical Data Sheet

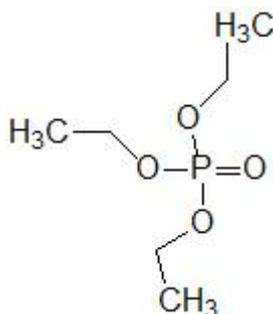
Triethyl phosphate

Product description

Product name: Triethyl phosphate

English name: Triethyl phosphate; Ethyl phosphate; Phosphoric acid triethyl ester

Molecular formula: C₆H₁₅O₄P



Structural formula:

Relative molecular quality: 182.16

CAS No.: 78-40-0

EINECS No.: 201-114-5

ICSC No.: 1730

RETCS No.: TC7900000

HS code: 29199000

Physics chemical property

It is colorless transparent liquid with pleasant fragrance. It is mixed soluble in water, alcohol and other organic solvent, for example, ether.

It is stable under room temperature.

Application

As high boiling point solvent in nitrocellulose and cellulose acetate;

As stabilizer of insecticide, Bakelite and organic oxide;

As catalyst of xylene isomers, carbodiimide;
As fire retardant of polyester resin
As plasticizer of cellulose acetate, unsaturated polyester and ethenyl ethanoate polymer;
It is widely applied in medical, pesticide, ketene, resin and hydraulic oil fields.

Specification

Appearance	Colorless transparent liquid
Contents	≥99.0
Acid mgKOH/g	≤0.1
Color	≤20
Refractive n ₂₀ /D	1.4050--1.4070
Moisture	≤0.1
Gravity	1.068--1.072

Packaging

200kg iron drum, IBC, ISO-TANK

Storage & Handling

Should be preserved in seal container in cool and ventilated warehouse without drain-pipe and sewer;
Storage temperature should be no higher than 35°C;
Separate from food and drink;
Keep it away from fire and heat source, oxidizing agent, acids and alkaline;
Stability: stable under normal pressure and temperature
Transportation: it is non-dangerous goods and should be transported as common chemicals.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com