



Specialized in chemicals

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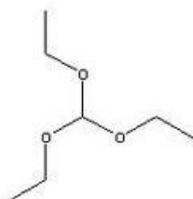
Site: www.tnjchem.com

Technical Data Sheet

Triethyl orthoformate

Product Information

Chemical Name	Triethyl orthoformate
CAS #	122-51-0
Formula	C ₃ H ₈ O ₃
Molecular Weight	92.0938
Synonyms	Triethoxy methane, Triethyl orthoformate
Chemical Structure	



Description

Colorless transparent liquid, sweet taste, melting point < -18°C, boiling point 146°C.

Physical Properties

Density:	0.98
Melting point:	-76°C
Boiling point:	146°C
Refractive index:	1.391
Flash point:	30°C

Specification

Item	Specification
Appearance	Colorless & transparent liquid
Assay	≥99.2%
Ethyl formate	≤0.2%
Ethanol	≤0.3%
Water	≤0.05
Color	≤10

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

It is mainly used to synthesize pharmaceutical and pesticide products, such as quinolone antibiotics and amitraz. It is also widely used in coating, dye, and perfume industries.

Packaging

180kg per plastic drum.

14.4mt per 20ft container

Storage & Handling

Store in air proof, dry and ventilated condition. Keep away from fire and heat.

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

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