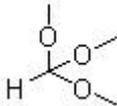


Technical Data Sheet

Basic information

Chemical name	Trimethyl orthoformate	Formula	C4H10O3
Synonyms	Methyl Orthoformate; Methane, trimethoxy-; Trimethoxymethane	Chemical structure	
CAS.No.	149-73-5		
EINECS No.	205-745-7		
Molecular weight	106.14		

Physical properties

Appearance	Colorless & transparent liquid
Density, 20°C, g/cm ³	0.97
Boiling point, °C	102
Melting point, °C	-53
Flash point, °C	13
Refractive index	1.0378
Solubility	Soluble in ethanol & other organic solvents.

Specification

Items	Enterprise standard
Appearance	Colorless & transparent liquid
Assay	≥99.4%
Methyl formate	0.20%Max
Methanol	0.30%Max
Water	0.05Max
Color (APHA)	20Max

Application

Synthesis	key intermediate Synthesis
Agriculture areas	It is mainly used to synthesize azoxystrobin and some other pesticide
Medicine areas	Use to synthesize pipemidic acid, vitamins, cephalo-type antibiotics, etc
Other areas	It is also widely used in cation, dye, and perfume industries

Package

200kg/drum, 80drums per 20GP container

Safety on transportation

It belongs to common goods, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

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