



Triisobutyl Phosphate (TIBP)

CAS No.: 126-71-6
Formula: $C_{12}H_{27}O_4P$

DESCRIPTION

Triisobutyl Phosphate (TIBP) is a strong polar solvent supplied as a colorless, essentially odorless liquid. It is used both as a processing aid and as a performance additive across several industries.

KEY FEATURES

- High-purity polar solvent
- Low odor, colorless liquid for easy formulation
- Proven defoaming action in cementitious systems

APPLICATIONS

- Textile auxiliaries
- Paper coating compounds
- Adhesives
- Drilling fluids
- Defoamer in cement applications

TYPICAL SPECIFICATIONS

Parameter	Specification
Appearance	Colorless liquid
Assay, %	≥ 99.0
Specific Gravity (20 °C)	0.96 – 0.98
Water Content, %	≤ 0.2
Acidity (mg KOH/g)	≤ 0.1
Refractive Index (n_D^{20})	1.418 – 1.420



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 1000 kg IBC totes (standard)

STORAGE

- Store in original, tightly closed containers in a cool, dry place away from direct sunlight and humidity. When stored as directed, the product is guaranteed for 2 years from the date of manufacture.

SAFETY & HANDLING

- Refer to the Safety Data Sheet (SDS) for detailed information on safe handling, personal protective equipment, first aid measures, and disposal considerations.