

# TRISOBUTYL PHOSPHATE (TIBP)

## ANTIFOAM AGENT FOR CEMENT AND CONCRETE ADMIXTURE

### Product Definition

**Triisobutyl phosphate (TIBP)** is a very strong, polar solvent which can be used as an antifoam agent, in hydraulic fluids, extraction agents and for the production of plastics.

### Technical Properties

Chemical Base	Triisobutyl phosphate
Color, Appearance	Colorless-pale yellow liquid
pH value	4,00 –7,00
Density (g/cm <sup>3</sup> )	0,96 ± 0,02
Viscosity cPs (25 °C)	280 ± 30
Water solubility	Slightly soluble

### Advantages

- When concrete is produced, it prevents large amounts of air entrainment and regeneration.
- It holds an equal amount of air in the concrete.

### Area of Use

- It is used as an antifoam agent in cement and concrete additive chemicals.

### Consumption Dosage

The average dosage in concrete is usually 1,0~2,5%, based on water reducing agent. However, it is recommended to adjust the level according to the situation of foam generated.

### Packing

- 30 kg plastic drum
- 200 kg drum
- 1000 kg container

### Storage and Shelf Life

Shelf life is 24 months in steel drums from the date of production in unopened and undamaged original packaging under appropriate storage conditions.

### Safety Measures

Use protective clothes, gloves, glasses and mask compatible with Health and Safety regulations during the application. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and if swallowed ask for medical help. Food and beverage should not be allowed in the application area. It should be stored at the reach out of the children. The Safety Data Sheet (SDS) should be read for detailed information.

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