

# Tri-Butyl Phosphate (TBP)

Versatile Plasticizer, Solvent & Chemical Intermediate

Tri-butyl phosphate (TBP) is a clear, colorless organophosphate ester widely used as a plasticizer, solvent, and chemical intermediate in industrial, chemical processing, and specialty formulation applications. Known for its good solvency, compatibility with resins, and thermal stability, TBP supports performance-driven formulations across multiple industries.

SMC Global is a trusted supplier of high-quality tri-butyl phosphate, supported by dependable logistics and technical expertise.

## Why Choose Tri-Butyl Phosphate (TBP)?

- Excellent solvency and plasticizing properties
- Good thermal and chemical stability
- Compatible with a wide range of resins and polymers
- Reliable performance in industrial formulations

## Key Uses

### Plasticizers & Resins

Used as a plasticizer to improve flexibility, durability, and processability in resins, plastics, and elastomers.

### Solvents & Chemical Processing

Acts as a solvent and process aid in chemical manufacturing, extraction, and specialty formulations.

### Hydraulic Fluids & Lubricants

Used in specialty hydraulic fluids and lubricant formulations to enhance performance and stability.

### Coatings, Inks & Adhesives

Improves flow, film formation, and formulation stability in industrial coatings, inks, and adhesive systems.

### Metalworking & Industrial Applications

Used as an additive in metalworking fluids and industrial formulations to support lubrication and performance.