

## PowerNox™ TPP Antioxidant

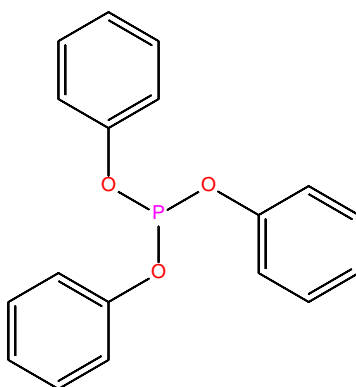
**Introduction** PowerNox™ TPP serves as an auxiliary antioxidant extensively employed within the PVC, PP, and PS industries to uphold product photostability.

**Chemical Name** Triphenyl phosphite

**CAS Number** 101-02-0

**EINECS Number** 202-908-4

**Chemical Structure**



**Chemical Formula** C<sub>18</sub>H<sub>15</sub>O<sub>3</sub>P

**Molecular Weight** 310.29

**Physical Properties**

Appearance	Clear Liquid
APHA	Max.50
Specific Gravity [25°C]	1.180-1.186
Refractive Index [25°C]	1.5580-1.5900
Acid Value (mg KOH/g)	Max.0.50
Purity (%)	Min.97.0

## PowerNox™ TPP Antioxidant

### Benefits & Applications

PowerNox™ TPP is an effective liquid aryl phosphite suitable for a wide range of polymer applications, spanning from PVC and adhesives to styrenics, engineering thermoplastics, polyesters, polyurethanes, coatings, epoxies, and polycarbonates.

PowerNox™ TPP can be used in rigid and flexible PVC applications as a secondary stabilizer and chelating agent to give brighter, more consistent colors and improve the heat stability of PVC.

PowerNox™ TPP can be used to enhance the effect of polymerization catalysts in some polyolefin processes.

### Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

### Packing

PowerNox™ TPP is supplied in 235Kg Steel Drum.

### Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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