

## PowerNox™ DPDP Antioxidant

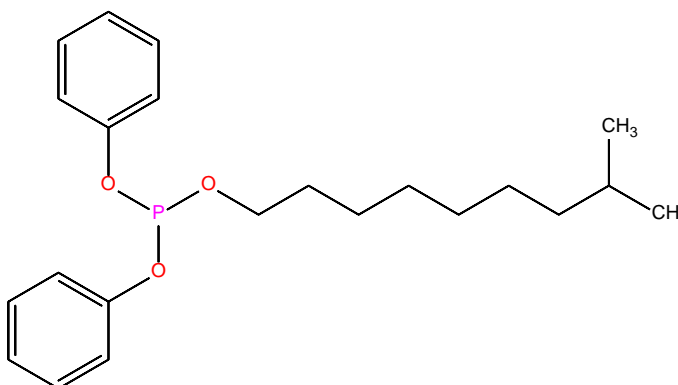
**Introduction** PowerNox™ DPDP is an effective liquid aryl-alkyl phosphite for many types of diverse polymer applications including ABS, PVC, and Polycarbonates, Polyurethanes, and coatings.

**Chemical Name** Isodecyl diphenyl phosphite

**CAS Number** 26544-23-0

**EINECS Number** 247-777-4

**Chemical Structure**



**Chemical Formula** C<sub>22</sub>H<sub>31</sub>O<sub>3</sub>P

**Molecular Weight** 374

**Physical Properties**

Appearance	Clear Liquid
APHA	Max.50
Acid Value (mg KOH/g)	Max.0.10
Specific Gravity (25°C)	1.020-1.036
Refractive Index (25°C)	1.5160-1.5220

## PowerNox™ DPDP Antioxidant

### Benefits & Applications

PowerNox™ DPDP is a secondary antioxidant for organic polymers.

PowerNox™ DPDP can be used in the polymers where regulatory approval for food contact is not required.

PowerNox™ DPDP can be used as a chelating agent and auxiliary stabilizer for PVC and synthetic resin products. In addition to its good suppression of color, the product can also increase its anti-oxidative ability and light stability.

### 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™ DPDP is supplied in 25Kg or 200Kg 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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