

PowerNox™ B225 Antioxidant

Introduction

PowerNox™ B225 is a 1:1 blend of PowerNox™ 1010 and PowerNox™ 1680, serves as a convenient mixture that caters to a wide range of stabilization requirements.

Chemical Name

Blend of PowerNox™ 1010 and PowerNox™ 1680 at ratio of 1:1.

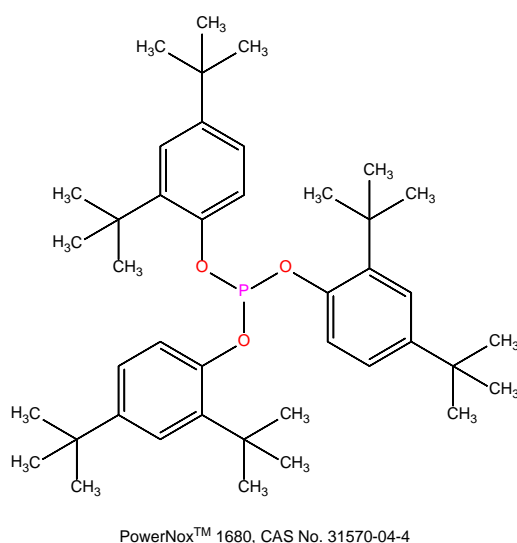
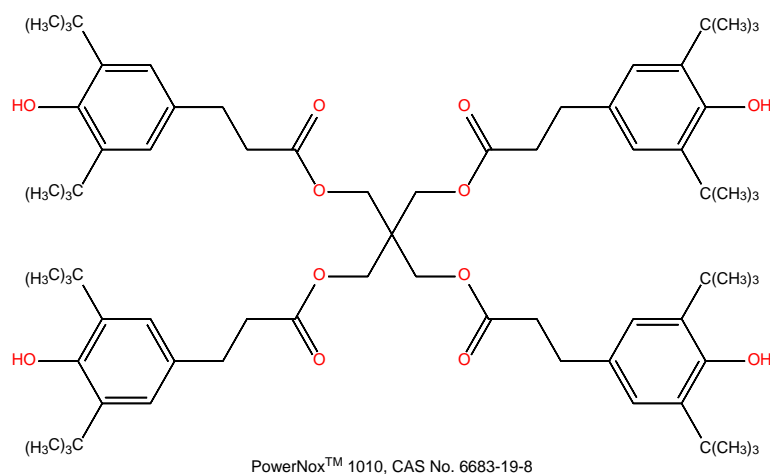
CAS Number

6683-19-8, 31570-04-4

EINECS Number

229-722-6, 250-709-6

Chemical Structure



PowerNox™ B225 Antioxidant

Chemical Formula PowerNox™ 1010: C₇₃H₁₀₈O₁₂
PowerNox™ 1680: C₄₂H₆₃O₃P

Molecular Weight PowerNox™ 1010: 1178
PowerNox™ 1680: 647

Physical Properties

Appearance	White Powder
Volatile (%)	Max.0.5
Color of Solution 425nm (%)	Min.96.0
Color of Solution 500nm (%)	Min.98.0

Benefits & Applications

PowerNox™ B225 is able to slow down both the heat-related and oxidative breakdown of polymer substances during manufacturing and use.

PowerNox™ B225 offers lasting protection for polymers and is used widely in materials like polyefins (CPE and PP), polyamide, polycarbonate, PBT, and ABS.

PowerNox™ B225 can be widely used for PE. PP. PC, ABS resin and other petrochemical products.

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™ B225 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.



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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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.