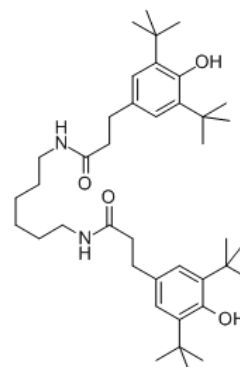


## GC THANOX 1171

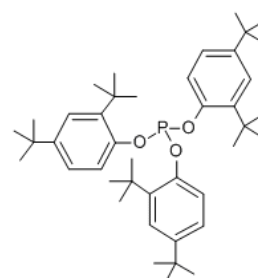
N,N' Hexamethylene bis (3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamide)

Chemical Formula  $C_{40}H_{64}N_2O_4$   
Molecular Weight 636.95 g/mol  
CAS Registry Number 23128-74-7



Tris(2,4-di-tert-butylphenyl) phosphite

Chemical Formula  $C_{42}H_{63}O_3P$   
Molecular Weight 646.92 g/mol  
CAS Registry Number 31570-04-4



GC THANOX 1171 is a blend of antioxidants with a synergistic effect that provides low volatility and good resistance to extraction.

GC THANOX 1171 is particularly suitable for polyamide fibers, nylon 6, nylon 66, molded article and films. It can be added prior to polymerization, to protect polymer color properties during manufacturing, shipping or thermal fixation.

### PHYSICO-CHEMICAL PROPERTIES

Apperance	White powder
Density @ 20°C, g/ml	1.035
Solubility @ 20°C (weight/weight%)	
Etylic acetate	Soluble
Acetone	Soluble
Methanol	Slightly soluble
Toluene	Slightly soluble
Water	Insoluble

**HANDLING AND STORAGE:** The processing and use of GC THANOX 1171 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC THANOX 1171 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

**PACKAGING:** Standard pack size of GC THANOX 1171 is 25 Kg in plastic bags.

### NOTE:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improperly use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.