

SANTICIZER® 154

t-butylphenyl diphenyl phosphate (CAS # 56803-37-3)

Fire Retardant Plasticizer

Santicizer® 154 is a liquid, non-halogen, triaryl phosphate ester fire retardant plasticizer used in multiple polymer systems. This plasticizer is similar to tricresyl phosphate in performance properties, but without the neuro-toxicity associated with ortho-cresol materials. Within the Santicizer® family of plasticizers, Santicizer® 154 offers the best fire retardant properties. Santicizer® 154 is a great option in many applications where fire resistance is paramount, but plasticization is not a key property or where plasticization may need to be compensated for.

Benefits

- An active fire suppressant replacing other plasticizers which may act as fuels
- Compatibility in many polymer systems offers versatility
- High performing fire retardant triaryl phosphate
- Non-halogenated, non-regulated
- Liquid fire retardant additive for applications with less need for plasticization
- Low volatility

Typical Properties

Appearance	Clear Liquid
Color (APHA)	100 max
Acidity (meq/g)	0.1 max
Moisture (% by KF)	0.15 max
Specific Gravity (25°C)	1.175-1.200
Viscosity (cP @ 25°C)	58
Phosphorous Content (%)	8.4

Safety and Handling

Complete toxicity and handling information can be found on the Safety Data Sheet (available upon request).

Valtris Overview

Valtris is a global leader in specialty chemical additives and precursors, offering innovative solutions and products to customers around the world. With strong technical expertise and best-in-class formulation capabilities, we develop products that provide essential performance properties to plastics, coatings, adhesives and sealants, pharmaceuticals, flavor and fragrance, and personal care products. For more than 75 years, we have served as a trusted partner for customers by providing exceptional service and high-quality products. www.valtris.com

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