

DOVERPHOS HIPURE 4-HR

Trisnonylphenyl Phosphite

Doverphos HiPure 4-HR is trisnonylphenyl phosphite (TNPP) with approximately 0.75% triisopropanolamine and less than 0.1% residual nonyl phenol. **Doverphos HiPure 4-HR** is an effective liquid phosphite heat stabilizer for a wide variety of applications. These include polyolefin, acrylics, adhesives, elastomers, nylon, polycarbonate, polyurethanes, polystyrene, PVC, coatings, ABS, and polyethylene terephthalate. The effectiveness of **Doverphos HiPure 4-HR** is enhanced by the addition of other stabilizers like hindered phenols. Typical use levels range from 0.05 to 3.00% for most applications. **Doverphos HiPure 4-HR** is sanctioned under FDA regulations for use in many applications.



Trisnonylphenyl Phosphite

TYPICAL PROPERTIES

Property	Typical Result
Appearance	Clear Liquid
Molecular Weight	688
Phosphorus, %	4.3
Density, lb/gal	8.2
Viscosity, cps @ 25°C	8,600

SPECIFICATIONS

Parameter	Specification	Test Method
Color, APHA	75 max	ASTM D1209
Acid Number, mgKOH/gm	0.1 max	ASTM D3242
Refractive Index, 25°C	1.5265-1.5290	ASTM D1218
Specific Gravity, 25°C	0.980-0.997	ASTM D1298
Free Nonylphenol, %	<0.1	DP260

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (021821)

CHLOREZ®, CHLOROWAX®, CHLOROWAX 50®, DOVERHIB®, DOVERLUBE®, DOVERNOX®, DOVERPHOS®, DOVERPHOS® HIPURE®, DOVERPHOS LGP-11®, DOVERPHOS S-9228®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, and SYNKAD® are federally registered trademarks of Dover Chemical Corporation.

3676 Davis Road NW, Dover, OH 44622

330-343-7711 · 800-321-8805 · Facsimile 330-365-3926 · www.doverchem.com