

Technical Data Sheet

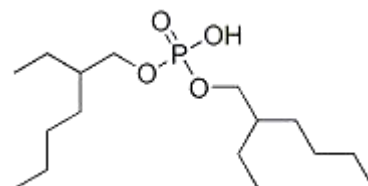
Basic information

Chemical name	Bis(2-ethylhexyl) phosphate(P-204)
Synonyms	Diisooctyl phosphate
CAS.No.	298-07-7
EINECS No.	206-056-4
Molecular weight	322.42

Formula

C16H35O4P

Chemical structure



Physical properties

Appearance	Colorless Viscous oily liquid
Density, 20°C, g/cm ³	0.965
Boiling point, °C	48
Melting point, °C	-60
Flash point, °F	>230
Refractive index	1.443
Solubility	Soluble in general organic solvents and alkali, do not dissolve in water.

Specification

Items	Specification	Results
Appearance	Colorless Viscous oily liquid	Conforms
Content, %	≥95.0	95.9
Monooctyl Ester, %	≤2.0	1.5
Chroma (Pt-Co)	≤100	80
Phase separation speed (S)	≤100	80
Acid value (mg KOH /g)	159 - 189	174
Density (20°C) g/ml	0.9736 - 0.9756	0.9746
Viscosity μ 20 CPS	42 ± 3	43
Flash Point (open cup) °C	≥160	168
Refractive Index (N2D0)	1.4434 - 1.4444	1.4437

Application

- 1.Solvent, role of rare earth metal extractant, wetting agent and surfactant raw materials, plastic plasticizer. The goods are of moderate toxicity, irritating to eyes, skin and mucous membranes;
- 2.For textile, printing and dyeing, cosmetic and other industries;

Package

200kg/drum, 16mt per 20'ft;



Safety on transportation

It belongs to the class 8 dangerous product, always refer to MSDS.

Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.

Issue Date: 1st,12,2015