

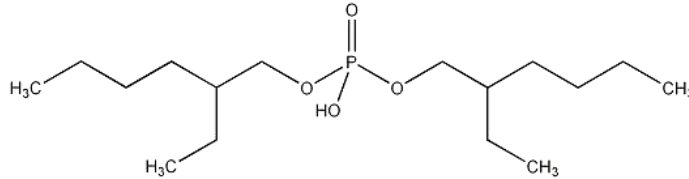
二（2-乙基己基）磷酸酯（P204）

■ CAS No.: 298-07-7

■ 分子式: $(C_8H_{17}O)_2PO_2H$

■ 分子量: 322.42 (按 1987 年国际原子量表)

■ 分子结构图:



■ 性状: 无色或浅黄色油状液体; 可溶于酒精和其他有机溶剂。凝固点: $-60^{\circ}C$; 沸点: $209^{\circ}C$ (10 毫米汞柱)。

■ 用途: 本品是一种酸性磷型萃取剂, 主要用于稀有金属和稀土的萃取分离, 亦可用于医药、印染、石油化工废水处理等行业。

■ 包装: 净重 200kg/塑桶; 1000L/IBC 吨桶。

■ 贮运: 运输时小心轻放, 严防撞击。贮存在阴凉、通风、干燥的仓库中, 注意防火、防雨。

■ 规格:

名称	特定级	优级	工业级
含量, %	≥ 97.0	≥ 95.0	≥ 93.0
磷酸一辛酯, %	≤ 1.5	≤ 2.0	≤ 2.5
色泽 (Pt—Co)	≤ 100	≤ 100	≤ 150
分相速度 (秒)	≤ 60	≤ 100	≤ 150
酸值 (mg KOH/g)	150—189	159—189	159—189
密度 ($20^{\circ}C$) g/ml	0.9740—0.9780	0.9736—0.9756	0.9715—0.9735
粘度 $\mu^{20}CPS$	42 ± 3	42 ± 3	42 ± 5
闪点(开口杯) $^{\circ}C$	≥ 190	≥ 160	≥ 150
折光率 (N_D^{20})	1.4438—1.4448	1.4434—1.4444	1.4430—1.4440

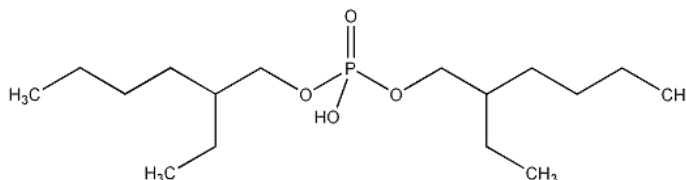
Di(2-ethylhexyl) phosphoric acid (P204)

■ **CAS No.:** 298-07-7

■ **Molecular formula:** $(C_8H_{17}O)_2PO_2H$

■ **Molecular weight:** 322.42 (International Atomic Weight Table,1987)

■ **Molecular structure:**



■ **Properties:** Colorless or yellowish transparent viscous oily liquid; soluble to alcohol and some other organic solvents. Freezing point: $-60^{\circ}C$; boiling point: $209^{\circ}C$ (10mm Hg)

■ **Uses:** It is a kind of acid phosphorous-type extracting agent, widely used as extracting agent for non-ferrous and rare earth metals.

■ **Package:** 200kg /Plastic drum net each. 1000L/IBC drum.

■ **Storage and transportation:** Handle with care, no vigorous strike is permitted. Deposited in shady, airy and dry warehouse. Keep away from fire and rain.

■ **Quality index:**

Item	Specific grade	Premium grade	Industrial grade
Content, %	≥ 97.0	≥ 95.0	≥ 93.0
Mono octyl Ester, %	≤ 1.5	≤ 2.0	≤ 2.5
Chroma (Pt-Co)	≤ 100	≤ 100	≤ 150
Phase separation speed (S)	≤ 60	≤ 100	≤ 150
Acid value (mg KOH /g)	150—189	159—189	159—189
Density ($20^{\circ}C$) g/ml	0.9740—0.9780	0.9736—0.9756	0.9715—0.9735
Viscosity $\mu^{20}CPS$	42 ± 3	42 ± 3	42 ± 5
Flash Point (open cup) $^{\circ}C$	≥ 190	≥ 160	≥ 150
Refractive Index (N_D^{20})	1.4438—1.4448	1.4434—1.4444	1.4430—1.4440