



Shanghai King Chemical Co.,Ltd

Tel: +86-21-67817854 Fax: +86-21-67817855

Address: ROOM CDEF , 9th Floor, Building D, Weijing Center Tower
NO.2337 GuDai Road, Minhang District, Shanghai, China

TECHNICAL DATA SHEET

Diocetyl Phthalate

Product Description

Diocetyl fat is a chemical substance, colorless and transparent oily liquid, molecular formula is C₂₄H₃₈O₄. Insoluble in water, soluble in ethanol, ether, mineral oil and most other organic solvents and hydrocarbons. Diocetyl phthalate can be used as a plasticizer in thermoplastic molding to improve its processability.

Another name:	DOP	Chemical formula:	C ₂₄ H ₃₈ O ₄
Molecular weight:	390.55	EINECS No.:	204-211-0
Density:	0.985 g/mL at 25 °C	Boiling point:	386 °C
Refractive index:	1.447(25°C)	Flashing point:	405 °F
Lower explosion limit:	0.3 %(V)	Melting point:	-50.0 °C (-58.0 °F)
Ignition temperature:	390 °C (734 °F)	Viscosity:	13.7mPa.s(20°C)

Application

Diocetyl phthalate is an important general-purpose plasticizer, mainly used in the processing of polyvinyl chloride resin, but also for the processing of high polymer such as chemical fiber resin, acetic acid resin, ABS resin and rubber, etc., Paint, dyes, dispersants and so on.

Common grade DOP, widely used in plastics, rubber, paint and emulsifier industries. With its plasticized PVC can be used for the manufacture of leather, agricultural film, packaging materials, cables and so on.

Electrical grade DOP, with all the performance of the general level DOP, but also has good electrical insulation properties, mainly for the production of wires and cables.

Food-grade DOP, mainly used for the production of food packaging materials.

Packing and storage: Galvanized iron drum package, 200kg/drum. Sealed storage.

Delivery time: Around 3-7 working days!

One 20ft container can load 80 drums, so total 16tons.