



OCTOMER DOM Plasticizer

CHEMICAL DESCRIPTION: Diocetyl Maleate
(CAS # 142-16-5)

PHYSICAL FORM: Clear, colorless oily liquid

PRODUCT SPECIFICATIONS		METHODS
Color	50, max. APHA	CDC-520
Specific Gravity	0.938 - 0.942	SGC-400
Acid Number	< 0.25	ACC-030
Moisture Content	< 0.15%	KAR-680
Boiling Point	209° C.	-
Flash Point	360 ° F.	FPC-330
Ester Content	> 98.5%	Chromatography

PRODUCT DESCRIPTION:

Octomer DOM is the 2-ethylhexyl ester of maleic acid. This product may be considered for use as a plasticizer for vinyl resins and for applications involving co-polymerization with polyvinyl chloride and vinyl acetates. It is a reactive monomer, and serves as an internal plasticizer adding elasticity and flexibility in copolymer films. This reaction produces chemical bonding, thus the copolymer is plasticized internally, and thus cannot become brittle due evaporation of plasticizer.

Copolymers with dioctyl maleate are used in emulsion type paints, paper and textile coatings, and adhesives. It is also an intermediate for surfactants and wetting agents.

STORAGE AND HANDLING:

Available in 55-gallon plastic drums. Keep containers tightly closed when not in use. Protect from freezing (32 deg. F.)

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed. Tiarco Chemical makes no claims or warranties concerning the suitability of the product for a particular use or purpose.