



Avalon Chemicals, Inc.

NAME

DIOCTYL ADIPATE (DOA)

CAS No.

103-23-1

Synonym

bis(2-ethylhexyl) hexanedioate

Chemical Formula

$C_{22}H_{42}O_4$

Molecular Weight

370.58

DESCRIPTION

DOA is generally used as a plasticizer for PVC. It can be used alone or blended with other plasticizers. DOA plasticizer is used to produce clear films for food packaging applications. It can also be used as a skin-conditioning agent in cosmetic and personal care applications. In fragrance industry it can be used as solvent.

PROPERTIES

Density

0.927 g/cc

Freezing point

< - 70 °C

Boiling point

417 °C

Flash point

206 °C

APPLICATION AREAS

Plasticizer
Flexible medical plastic
Garden hoses
Sheet vinyl flooring
Upholstery
Solvent for fragrance
Cosmetics & Personal care
Tarps and awnings
Decorative films

PACKAGING

Bags / Pallets

418 lb lined steel drums; 1672 lb per pallet

Bulk

FCL of 15.2 MT palletized and shrink wrapped.