

DOM

DIOCTYL MALEATE

Dioctyl Maleate (DOM)

Maleic Acid Dioctyl Ester

Bis(2-ethylhexyl) maleate

Molecular Formula: $C_{20}H_{36}O_4$

Molecular Weight: 340.5 g/mol

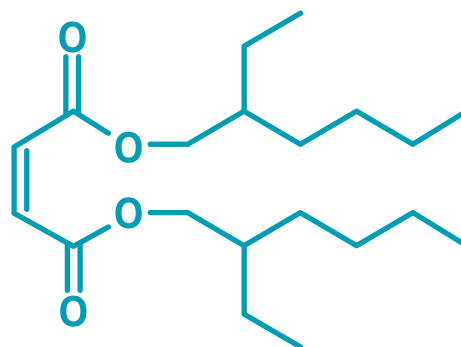
CAS Description: Maleic Acid -di-(2-ethylhexyl)
-Ester

CAS No.: [142-16-5]

EINECS-No.: 205-524-5

TSCA: listed

German: Dioctyl maleinat
Maleinsäure-di-(2-ethylhexyl)
-ester



Packaging

Bulk

PE container of 900 kg net

PE drums of 200 kg net

Applications

Dioctyl Maleate (DOM) is a widely used chemical intermediate and building block for several chemical production processes. Besides its application in chemical synthesis a major field of application for DOM is within the coatings industry. Furthermore, DOM is used as an phthalate-free alternative to common phthalate based plasticizers like DOP.

Other Properties

Boiling point 156 °C/9 mbar

Melting point -60 °C

Density at 20 °C 0.94 g/cm³

Flash point 185 °C

Ignition temperature 260 °C

DOM Quality (selected parameters)

Description clear liquid

Identity:

IR-spectrum conform with ref. spectrum

Colour number max. 50 APHA

Assay (GC-area %) min. 98.0%

Specific Requirements

The above chemical substance was registered in accordance with Regulation (EC) No. 1907/2006 (REACH). The assigned registration number is 01-2119524002-60-0001.

ESIM Chemicals GmbH

St.-Peter-Strasse 25, 4020 Linz, Austria

+43 732 6982 - 0

www.esim-chemicals.com | info@esim-chemicals.com

The data in this leaflet corresponds to our latest knowledge, however it is not possible to derive any liability therefrom. Each processor will be himself liable for observation of all regulations, in particular in the field of franchise and patent law.

©ESIM Chemicals. All rights reserved.