



OPTIMISTIC ORGANIC SDN BHD

PRODUCT DATA SHEET

DIOCTYL MALEATE

Rev. No. : 03
Date: 29.09.2024

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

Molecular Weight: 340.56

CAS. No. 142-16-5

Application & Uses:

Dioctyl Maleate is a clear, colorless liquid. It is used to copolymerize other monomers to form emulsion which used in paints and adhesives. It is used as a plasticizer in Resins to give them lasting flexibility and as an additive in lubricating oils.

Packaging:

Dioctyl Maleate is available in liquid form. It is packed in HMHDPE barrels.

Full Container Load:

- 1) 190 Kg, Packed in barrels. (80 Barrels *190 kgs =15.2 MT/FCL)
- 2) ISOTanks: 22-24 MT net.
- 3) IBC: 950kg/IBC (20 IBC * 950kgs =19 MT/FCL)
- 4) Flexibag : 22-23 MT net.

Specification:

S. No	Characteristics	Specifications
1	Appearance	Clear Colorless liquid
2	Color, Pt-Co scale, APHA	50 Max
3	Acid value (mg of KOH/g)	0.10 Max
4	Density @20°C (g/cm ³)	0.935 - 0.945
5	Moisture Content (%w/w)	0.10 Max
6	Ester content (%w/w)	98.50 Min
7	Dioctyl Fumarate (%w/w)	5.00 Max

Storage & Handling:

The product should be stored in cool, ventilated area, away from flame. It has a mild irritating effect on contact with skin/eyes. While handling the material, it is recommended to wear safety goggles, rubber gloves, apron and coveralls. It has no effect when inhaled and ingested.

For Enquiries & Details, contact:

Factory:

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