

**Polynt SpA – Headquarter**

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**Polynt SpA**

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## Technical data sheet

### Di-Lynt EM (DEM)

Version: March 2013

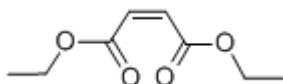
#### Chemical Composition

Diethyl Maleate; Maleic Acid, di-ethyl ester, 2-Butenedioic acid, diethyl ester

#### Formula

$C_8H_{12}O_4$

#### Structural Formula



**Molecular weight :** 172,18

#### CAS N.

141-05-9

#### EINECS N.

205-451-9

#### Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear liquid, free from suspended matter	Visual
Colour	APHA/Hazen	20 max.	AM 018
Odour		Mild	AM 074
Acidity as maleic Acid	%	0,02 max.	AM 006
Water content	%	0,1 max.	AM 023
Esters content	%	99,0 min.	AM 999

\* Internal methods available upon request.

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**Typical properties**

Characteristics	Unit	Value
Density @ 20°C	g/ml	1,069
Boiling Point	°C	Aprr.. 225
Refractive index $n_D^{20}$		1,440

**Main applications**

Di-Lynt EM finds main applications as intermediate in organic chemical synthesis for the manufacturing of plastics, paints, pesticides, pharmaceutical and flavour compounds. It is used in the production of the insecticide Malathion.

**Handling**

Packaging: Steel drum 200 kg net;  
bulk;

other packages available on request

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 1 year from production date

*The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.*

**Technical Data Sheet****DiLynt EM**

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