

# DOM

## DIOCTYL MALEATE

### Diocetyl Maleate (DOM)

Maleic Acid Diocetyl Ester

Bis(2-ethylhexyl) maleate

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

Molecular Weight: ..... 340.5 g/mol

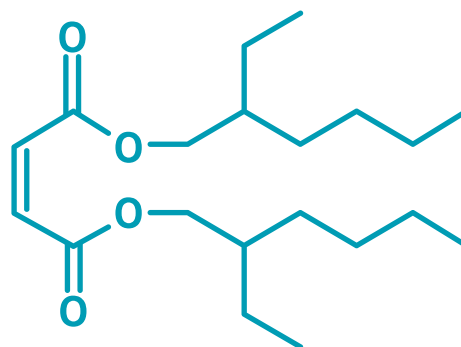
CAS Description: ..... Maleic Acid -di-(2-ethylhexyl)  
-Ester

CAS No.: ..... [142-16-5]

EINECS-No.: ..... 205-524-5

TSCA: ..... listed

German: ..... Diocetyl maleinat  
Maleinsäure-di-(2-ethylhexyl)  
-ester



### Handling

- Packing: bulk,  
net 200 kg drums,  
net 900 kg container

### Applications

**Diocetyl 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/cm<sup>3</sup>

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.

# PRODUCT LIST

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**CHD**

CAS NO: [637-88-7]  
1,4-Cyclohexandione

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**ADH**

CAS NO: [1071-93-8]  
Adipic Acid Dihydrazide

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**DAA**

CAS NO: [2873-97-4]  
Diacetone Acrylamide

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**DEM**

CAS NO: [141-05-9]  
Diethyl Maleate

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**DES**

CAS NO: [123-25-1]  
Diethyl Succinate

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**DEAS**

CAS NO: [1115-30-6]  
Diethylacetyl Succinate

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**DIPS**

CAS NO: [924-88-9]  
Diisopropyl Succinate

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**DMM**

CAS NO: [624-48-6]  
Dimethyl Maleate

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**DMS**

CAS NO: [106-65-0]  
Dimethyl Succinate

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**DMAS**

CAS NO: [10420-33-4]  
Dimethylacetyl Succinate

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**DMSS**

CAS NO: [6289-46-9]  
Dimethylsuccinylo Succinate

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**DBF**

CAS NO: [105-75-9]  
Di-n-butyl Fumarate

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**DBM**

CAS NO: [105-76-0]  
Di-n-butyl Maleate

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**DOF**

CAS NO: [141-02-6]  
Dioctyl Fumarate

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**DOM**

CAS NO: [142-16-5]  
Dioctyl Maleate

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**FA**

CAS NO: [110-17-8]  
Fumaric Acid

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**L-Asp**

CAS NO: [56-84-8]  
L-Aspartic Acid

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**MA**

CAS NO: [110-16-7]  
Maleic Acid

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**MAN**

CAS NO: [108-31-6]  
Maleic Anhydride

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**MSF**

CAS NO: [5873-57-4]  
Monosodium Fumarate

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**NBS**

CAS NO: [128-08-5]  
N-Bromo Succinimide

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**NCS**

CAS NO: [128-09-6]  
N-Chloro Succinimide

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**OPA**

CAS NO: [643-79-8]  
ortho-Phthalic Aldehyde

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**TBA**

CAS NO: [107-58-4]  
N-tert.-butyl Acrylamide

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**SA**

CAS NO: [110-15-6]  
Succinic Acid

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**SAN**

CAS NO: [108-30-5]  
Succinic Anhydride

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**SI**

CAS NO: [123-56-8]  
Succinimide

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**Triazole**

CAS NO: [288-88-0]  
1,2,4-Triazole

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**TRINA**

CAS NO: [41253-21-8]  
1,2,4-Triazole-sodium Salt

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