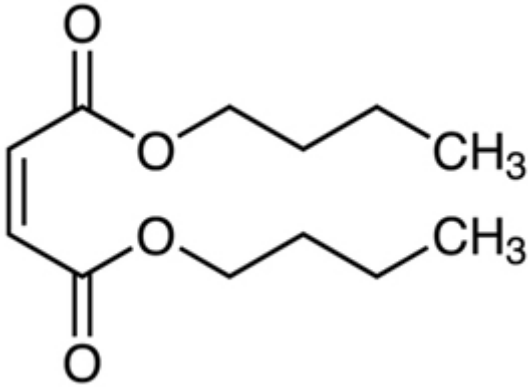


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## DIBUTYL MALEATE



**IUPAC NAME:** dibutyl (z)-but-2-enedioate

**CHEMICAL FORMULA:** C<sub>12</sub>H<sub>20</sub>O<sub>4</sub>

**CAS NO:** 105-76-0

**MOLECULAR WEIGHT:** 228.28 g/mol

**PACKING:** IBC, 1000 KG

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### PRODUCT DESCRIPTION:

Dibutyl Maleate (DBM) is used as a comonomer in vinyl and acrylic emulsion polymerization for paints and adhesives. It serves as an additive and intermediate for plastics, pigments, pharmaceuticals, and agricultural products. Additionally, DBM is a suitable intermediate in organic syntheses.

### APPLICATION AREAS:

- Adhesives
- Paints and coatings.


**CHEMICAL PROPERTIES**

<b>PURITY</b>	≥ 99.0
<b>ACID CONTENT</b>	
<b>MOISTURE AMOUNT</b>	
<b>COLOUR (APHA)</b>	
<b>INHIBITOR</b>	

**PHYSICAL PROPERTIES**

<b>APPEARANCE</b>	Clear, colourless
<b>PHYSICAL STATE</b>	Liquid
<b>BOILING POINT</b>	280°C
<b>FREEZING POINT</b>	-85°C
<b>FLASH POINT</b>	<1hPa mm Hg (1 atmosphere)

**SAFETY INFORMATION**

<b>HAZARD PICTOGRAM(S)</b>	
<b>HAZARD STATEMENT(S)</b>	<p>H317 May cause an allergic skin reaction.</p> <p>H373 May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
<b>RISK PHRASES</b>	R36/37/38 Irritating to eyes, respiratory system and skin.
<b>SAFETY PHRASES</b>	<p>S526 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S527 Take off immediately all contaminated clothing.</p>
<b>PRECAUTIONARY STATEMENT(S)</b>	<p>P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of water.</p> <p>P314 Get medical advice/ attention if you feel unwell.</p>
<b>STORAGE CLASS</b>	Storage class (TRGS 510): 10: Combustible liquids
<b>STORAGE CONDITIONS</b>	Keep containers tightly closed. Store in a cool, dry place. Avoid contact with incompatible materials such as strong oxidizing agents and strong bases.
<b>DISPOSAL</b>	After prior treatment, the product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste. Dispose of in accordance with all regulations. Packaging that may not be cleansed are to be disposed of in the same manner as the product.



**TRANSPORT  
INFORMATION**

**UN number**

- ADR/RID: 3082
- IMDG: 3082
- IATA: 3082

**UN proper shipping name**

- ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (di-n-butyl maleate)
- IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (di-n-butyl maleate)
- IATA: Environmentally hazardous substance, liquid, n.o.s. (di-n-butyl maleate)

**Transport hazard class(es)**

- ADR/RID: 9
- IMDG: 9
- IATA: 9

**Packaging group**

- ADR/RID: III
- IMDG: III
- IATA: III

**Environmental hazards**

- ADR/RID: yes
- IMDG Marine pollutant: yes
- IATA: yes

**Special precautions for user**

**Further information**

Packages smaller than or equal to 5 kg / L, not dangerous goods of Class 9

**For more information, check the SAFETY DATA SHEET or get contact with us.**