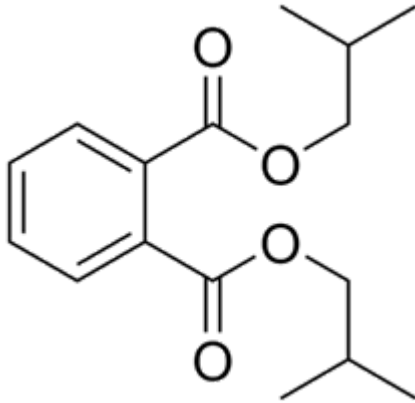


DIISOBUTYL PHTHALATE



IUPAC NAME: bis(2-methylpropyl) benzene-1,2-dicarboxylate

CHEMICAL FORMULA: C₁₆H₂₂O₄

CAS NO: 84-69-5

MOLECULAR WEIGHT: 278.34 g/mol

PACKING: IBC 1000 KG

PRODUCT DESCRIPTION:

Dibutyl phthalate (DBP) is an artificial chemical added to plastics and other chemicals. In plastics, it helps to keep them soft (a plasticizer). It is also used in elastomers, lacquer paints, explosives, printing inks, resin solvents, perfume oil solvents, paper coatings, adhesives, and nail polishes.

PROPERTIES:

- Easy processing
- Suitable for use in food products
- Low specific gravity and low freezing point
- Used as an adhesive component in packaging
- Used in the manufacture of shoes and hose pipes
- Can be used as a plasticizer for cellulose nitrate.

APPLICATION AREAS:


- Coatings and Sealants
- Adhesives and Glues
- Inks and Printing
- Textile Coatings
- Industrial Rubber Products
- Paints and Varnishes

CHEMICAL PROPERTIES

PURITY	≥ 98.0
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Oily, colorless
PHYSICAL STATE	Liquid
ODOR	Ester like
DENSITY	1.04 g/cm ³
BOILING POINT	296.5 °C
FREEZING POINT	-64 °C
FLASH POINT	185 °C-Open cup
VISCOSITY	41 mPa.s at 20°C
VAPOR PRESSURE	0.01 Pa at 20°C

SAFETY INFORMATION	
HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	<p>H360FD May damage fertility. May damage the unborn child.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H400 Very toxic to aquatic life.</p>
PRECAUTIONARY STATEMENT(S)	<p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P308 + P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p>
STORAGE CLASS	Storage class (TRGS 510): 6.1C: Combustible, acute toxic Cat.3 / toxic compounds or compounds which causing chronic effects.
STORAGE CONDITIONS	Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.
DISPOSAL	No information.
TRANSPORT INFORMATION	<p>UN number:</p> <ul style="list-style-type: none"> • ADR/RID: 3082 • IMDG: 3082 • IATA: 3082 <p>UN proper shipping name:</p> <ul style="list-style-type: none"> • ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Methylpropyl phthalate) • IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Methylpropyl phthalate)



- IATA: Environmentally hazardous substance, liquid, n.o.s. (2-Methylpropyl phthalate)

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

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