
DIPROPYLENE GLYCOL DIBENZOATE

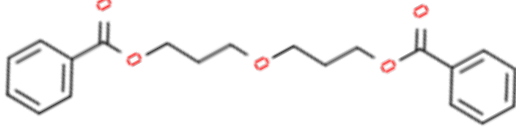
IUPAC NAME: 2-(2-benzoyloxypropoxy)propyl benzoate

CHEMICAL FORMULA: C₂₀H₂₂O₅

CAS NO: 27138-31-4

MOLECULAR WEIGHT: 326.39 g/mol

PACKING:



PRODUCT DESCRIPTION:

Dipropylene glycol dibenzoate (DPGDB) is a benzoate plasticizer with high solvency, and its main component is Dipropylene glycol dibenzoate. It is proposed as an environmentally friendly plasticizer, as an alternative to o-benzene plasticizers, and finds widespread use in various applications.

It is commonly used in water-based adhesives (such as white latex, wood adhesive, plywood adhesive, paper packaging adhesive, laminating adhesive, and smoke adhesive), polysulfide sealants, polyurethane sealants, filling agents, PVC products (toys, elastic floors, gloves, PVC-plastic impregnated products, Teslin, water hoses, artificial leather, etc.), polyurethane elastomers/rubber rollers, coatings, inks, pesticides, fluorescent materials, and other fields, thanks to its high resolution and eco-friendliness.

PROPERTIES:

- Polar
- High-solvating plasticizer
- Compatible with a wide range of polar polymers

APPLICATION AREAS:

It is used in applications on the latex caulks, adhesive, and sealants, coatings, and vinyl plastisol.

Dipropylene glycol dibenzoate is also useful in the cosmetic industry to provide moisturization, sun protection and anti-aging effect.

IT IS APPLIED IN THE PRODUCTION OF:

- Adhesive manufacturing
- Polymer and Plastic Production
- Resins and Coatings
- Adhesives and Sealants
- Printing Inks
- Industrial Applications
- Personal Care Products

CHEMICAL PROPERTIES

PURITY	99.0%
ACID CONTENT	Max 0.1
MOISTURE AMOUNT	Max 0.1%
COLOUR (APHA)	Max. 80
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Clear, colourless
PHYSICAL STATE	liquid
DENSITY	1.144g/cm ³
BOILING POINT	464.198°C
FLASH POINT	202.303°C
VAPOR PRESSURE	0mmHg at 25°C

SAFETY INFORMATION	
HAZARD STATEMENT(S)	H412 Harmful to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENT(S)	P273 Avoid release to the environment.
STORAGE CLASS	Storage class (TRGS 510): 10: Combustible liquids
STORAGE CONDITIONS	Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
DISPOSAL	<p>Product: Offer surplus and non-recyclable solutions to a licensed disposal company.</p> <p>Contaminated packaging: Dispose of an unused product.</p>
TRANSPORT INFORMATION	<p>UN number</p> <ul style="list-style-type: none"> • ADR/RID: - • IMDG: - • IATA: - <p>UN proper shipping name</p> <ul style="list-style-type: none"> • ADR/RID: Not dangerous goods • IMDG: Not dangerous goods • IATA: Not dangerous goods <p>Transport hazard class(es)</p> <ul style="list-style-type: none"> • ADR/RID: - • IMDG: - • IATA: - <p>Packaging group</p> <ul style="list-style-type: none"> • ADR/RID: - • IMDG: - • IATA: - <p>Environmental hazards</p> <ul style="list-style-type: none"> • ADR/RID: no • IMDG Marine pollutant: no • IATA: no <p>Special precautions for user</p>



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Further information

Not classified as dangerous in the meaning of transport regulations.

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