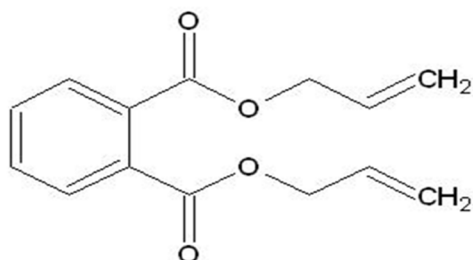


# Bisomer<sup>®</sup> DALP

**Bisomer<sup>®</sup> DALP** (Diallyl Phthalate (1,2-Benzene dicarboxylic acid, di-2-propenyl ester))

## Chemical Structure



CAS Number: 131-17-9

## Typical Physical Properties \*

Property	Value	Method
Appearance	<b>Clear and free from suspended matter</b>	(E284; 01-13)
Acidity (as phthalic), % (mass)	<b>0.05 max</b>	(D1613; 01-01)
Ester, % (mass)	<b>99 min</b>	(ISO1385/5; 05-12)
Colour number, Pt/Co	<b>100 max</b>	(D1209; 03-18)
Iodine number, $\text{gI}_2 / 100\text{g}$	<b>196 min</b>	(D2075; 09-18)
Density @ 20°C, $\text{kg} / \text{l}$	<b>1.115 to 1.121</b>	(D1298; 04-01)

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\* The typical values presented here are believed to be accurate; they should not, however be considered to constitute a specification.

### Applications

**Bisomer<sup>®</sup> DALP** is a stable ester of high purity, capable of undergoing polymerisation at moderate temperatures to yield thermosetting or thermoplastic resins. It possesses valuable properties for adhesives, coatings, casting and potting compounds.

**Bisomer<sup>®</sup> DALP** may also be copolymerised with a variety of common monomers, or used as a “reactive diluent”.

When used as a partial replacement for styrene in cross-linking polyesters, **Bisomer<sup>®</sup> DALP** produces materials showing up to 25% less shrinkage on cure.

**Bisomer<sup>®</sup> DALP** may also be employed in self-priming PVC organosols for steel coating or incorporated into EPDM rubber to improve the adhesive strength.

### Product Compliance

FDA CFR 21 § 175.105, 176.170, 176.180

BfR Recommendation XXXIV

Swiss Ordinance 817.023.21 – Listed (Part A)



**Registration & Regulatory Information:** Please refer to the safety datasheet.

**Handling & Storage:** This product can be stored for up to 3 years at ambient storage temperature and conditions without any deterioration. Please refer to the safety datasheet for more details.

**Miscellaneous:** Various pack types available; please contact your local GEO Specialty Chemicals representative for further information.

All information and data, including the formulations and procedures discussed herein, are believed to be correct. However, this should not be accepted as a guarantee of their accuracy, and confirming tests should be run in your laboratory or plant. No statement should be construed as a recommendation for any use which would violate any patent rights. Sales of all products are pursuant to terms and conditions included in GEO Specialty Chemicals sales documents. Nothing contained therein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding these products is contained in their Safety Data Sheets. Users of these products are urged to review and use this information.

**REVISION DATE: OCTOBER 2020**

Bisomer<sup>®</sup> is a registered trademark of GEO Specialty Chemicals, Inc.



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