

**DR. J. PHARMACHEM PVT. LTD.**

CIN : U2429PN215PTC155488

Regd Office: 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune-411 030. India.

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**DR. J. PHARMACHEM PVT. LTD.****DEGDB:DPGDB 50:50****Technical Datasheet**

**Product Information:** DEGDB:DPGDB 50:50 It is a blend of Diethylene glycol dibenzoate and Dipropylene glycol dibenzoate in a ratio of about one to one by weight. The composition of this blend of classic dibenzoate is optimized for waterborne latex applications.

Chemical Name	DIETHYLENE GLYCOL DIBENZOATE : DIPROPYLENE GLYCOL DIBENZOATE 50:50		
Grade Name	DEGDB:DPGDB 50:50		
CAS No.	120-55-8 and 27138-31-4		
EINECS No.	204-407-6/248-258-5		
Molecular Formula	-		
Synonyms			
<b>TEST</b>	<b>SPECIFICATION</b>	<b>METHOD</b>	
Appearance	Form: Transparent oily liquid	Visual	
Purity (As Benzoate Ester)	> 99 %	By GC	
Acidity(calculated as Benzoic Acid)	< 0.1%	Titration	
Boiling Point (5mmHg)	235 °C	Boiling Point Apparatus	
Acidic Value (calculated as Benzoic Acid)	< 0.1%	Titration	
Moisture Content	< 0.1 %	By KF Titration	
Colour (APHA)	< 80	Visual	
Hydroxyl Value	< 13 mg KOH/g	Titration	
Solubility at 20 °C	Solvent	Solubility ( gm/100ml )	Visual
	Water	1.35	

**Product Applications:**

1. It is used as a plasticizer for a wide range of articles based on polyvinyl acetate (PVAc), ethylene vinyl acetate (EVA), polyvinyl chloride (PVC), cellulosic, rubbers including nitrile rubber and acrylate.
2. It is used Benzoic ester plasticizers in adhesives.
3. It is used in latex caulks, sealants paints, coating (as coalescent) and other applications requiring a polar plasticizer with a lower VOC content.

**Product Benefits:**

1. Very good plasticizing efficiency.
2. It is a high solvating polyvinyl chloride plasticizer displaying utility in plastisol and dry blended vinyl formulations.
3. Very good foaming effect in PVC foaming process.

**Product Dosage:** We strongly recommend testing of your own system under the actual conditions of processing and end-use

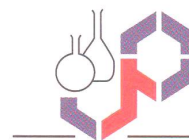
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prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

Polymer Details	Suggested dosage
Polyvinyl acetate coatings (paragraph (c))	< 5 %
Polyvinyl acetate coatings(paragraph (c))	< 10 %

## Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:**It is approved for use in food contact polymer as per the following chapter headings.

Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration Department Of Health And Human Services

Subchapter: B - Food For Human Consumption (Continued)

Part: 176 - Indirect Food Additives: Paper And Paperboard Components

Subpart: B - Substances For Use Only As Components Of Paper And Paperboard

Section: 176.180 Components Of Paper And Paperboard In Contact With Dry Food.

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Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration Department Of Health And Human Services

Subchapter: B - Food For Human Consumption (Continued)

Part: 175 - Indirect Food Additives: Adhesives And Components Of Coatings

Subpart: B - Substances For Use Only As Components Of Adhesives

Section: 175.105 Adhesives.

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Title: 21 - Food And Drugs

Chapter: I - Food And Drug Administration Department Of Health And Human Services

Subchapter: B - Food For Human Consumption (Continued)

Part: 176 - Indirect Food Additives: Paper And Paperboard Components

Subpart: B - Substances For Use Only As Components Of Paper And Paperboard

Section: 176.170 Components Of Paper And Paperboard In Contact With Aqueous And Fatty Foods.

## Product Disclaimer

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seler be liable for incidental, consequential or indirect damages for alleges negligence breach of warranty, strict liability, and tort or contact rising in connectoin with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or fur use for which implantation within human body is intended.