

DR. J. PHARMACHEM PVT. LTD.

Regd. Office : 722/AB/15, "Nirmal", Laxmi Park Colony, Navi Peth, Pune - 411030, India

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Factory : Plot No. - 311, Sector- 10, Bhosari, Pune, India, 411035



(an ISO 9001:2016 Certificate Company)

GTB

Technical Datasheet

Chemical Name	GLYCERYL TRIBENZOATE	
Grade Name	GTB	
CAS No.	614-33-5	
HS Code	29163150	
EINECS No.	210-379-6	
Molecular Formula	C24H20O6	
Synonyms	• 1,2,3-Propanetriol,tribenzoate • Glycerol, tribenzoate • Tribenzoin	
TEST	SPECIFICATION	METHOD
Appearance at 25/30 degree C	Off white coloured flakes or granules	Visual
Purity by GC %	Min 95%	GC
Acid value / Free Acid Content (mg KOH/g)	Max 2	Titration-Acidimetric
Saponification Value	406-446	Titration-Acid-Base
Melting Range (Degrees C)	68-72 degrees C	Melting Point Apparatus (Open Capillary Tube Method)
SOFTENING POINT	Min 71 Degrees C	VISUAL BY MELTING POINT APPARATUS

Product Information:

- GTB is used widely as replacement to Phthalate plasticizers in medical devices
- GTB is widely used in cosmetics due to its FDA approved status.
- GTB can be used for the treatment of urea cycle disorders and neurodegenerative disorders.
- GTB is a used as a plasticizer in ink and adhesive applications.
- GTB is used in nail lacquer formulations.
- GTB is used both as the plasticizer and as higher percentage source of bio-based content, as well as an energy absorption agent.
- In GTB a glycerol component is a plant-based molecule that makes up about 22% of the glyceryl tribenzoate
- GTB has a peak melting temperature at 72 Degrees C and a range between 68 Degrees C.to 72 Degrees C

Product Handling & safety:

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

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

Title: 21-FOOD AND DRUGS

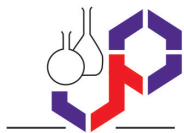
Chapter: I-FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES

Subchapter: B -FOOD FOR HUMAN CONSUMPTION (CONTINUED)

Part: 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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Product Registration:

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.

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 Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection 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 for use for which implantation within human body is intended.