

## MDBS-386

## Technical Datasheet

Chemical Name	1,3:2,4-DI-P-METHYLBENZYLIDENE SORBITOL	
Grade Name	MDBS-386	
CAS No.	54686-97-4	
EINECS No.	402-950-5	
Molecular Formula	C22H26O6	
Synonyms	<ul style="list-style-type: none"> <li>• DI(4-TOLYLIDENE)SORBITOL</li> <li>• MDBS</li> <li>• METHYLBENZYLIDENE SORBITOL</li> </ul>	
TEST	SPECIFICATION	METHOD
Appearance	White Powder	Visual
Purity by HPLC	Min 98.5%	HPLC
Volatile Content	Max 0.5%	Thermogravimetry
Particle Size D100	Max 150 Microns	Particle Size Analyzer ( Wet Method)

### Product Information:

- It is an effective sorbitol based clarifier for polypropylene (PP), linear low density polyethylene (LLDPE), some high density polyethylene (HDPE).
- It is a clear nucleating agent suitable for medical PP like injector. It is also suitable for wide ranging thin injection molded products, blow molding, film or sheet extrusion process.

### Product Handling & safety:

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

**Product Registration:** MDBS 3940 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 (Continued)

Subchapter: B - Food For Human Consumption (Continued)

Part: 178 - Indirect Food Additives: Adjuvant, Production Aids And Sanitizers

Subpart: D - Certain Adjuvant And Production Aids

Section: 178.3295 Clarifying Agents For Polymers.

### 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 intended 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.