

GMS 90	Technical Datasheet
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Chemical Name	GLYCEROL MONOSTEARATE (MONOESTER 90%)	
Grade Name	GMS 90	
CAS No.	91052-47-0	
HS Code	29157030	
EINECS No.	293-208-8	
Molecular Formula	C19H38O4 to C21H42O4	
Synonyms	<ul style="list-style-type: none"> Glycerides, C16-18 mono- GMS 90% Glyceryl Monostearate 	
TEST	SPECIFICATION	METHOD
Acid value / Free Acid Content (mg KOH/g)	Max 3	Titration-Acidimetric
Iodine Value (g I2/100g)	Max 2	Titration-Iodometric
Moisture %	Max 1	Thermogravimetry
Melting Range (Degrees C)	63 - 69	Melting Point Apparatus (Open Capillary Tube Method)
% Monoglyceride	90-100	GC
Free Glycerin	Max 1	Titration

Product Information:

- Glyceryl Monostearate 90% is used as a process aid in production of expanded polyethylene.
- Glyceryl Monostearate 90% is used as internal antistatic agent.
- Glyceryl Monostearate 90% is used as internal lubricant in plastics and polymers.

Product Handling & safety:

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

Product Registration: GMS 90 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: 184 -Direct Food Substances Affirmed As Generally Recognized As Safe
 Subpart: B - Listing Of Specific Substances Affirmed As Gras
 Section: 184.1324 - Glyceryl Monostearate.

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.