



Trigon Chemicals Pvt. Ltd.

(ISO 9001:2008 Certified Company)

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PHENYLMERCURIC NITRATE

Technical Datasheet

Product Information: Phenyl Mercuric Nitrate is an antimicrobial preservative and antifungal property which is pH dependant. It is slightly aromatic in odour.

Chemical Name	PHENYLMERCURIC NITRATE	
Grade Name	PHENYLMERCURIC NITRATE	
CAS No.	8003-05-2	
EINECS No.	200-242-9	
Molecular Formula	C ₁₂ H ₁₁ Hg ₂ NO ₄	
Synonyms	<ul style="list-style-type: none">• PHENYLMERCURY NITRATE BASIC• NITRATE PHENYL MERCURIQUE• MERPHENYL NITRATE	
TEST	SPECIFICATION	METHOD
Appearance	Form: Powder Colour: White or pale yellow	Visual
Purity (By Hg Content)	> 99 %	By Titration
Mercury Content	62.7 - 63.23 %	By AAS
Melting Range	175 - 185 °C	Melting Point Apparatus (Open tube capillary method)
Moisture content	< 1.0 %	Oven Drying (At 105 °C)

Product Applications:

1. Phenyl Mercuric Nitrate used as preservative in cosmetic, ophthalmic or pharmaceutical preparations and as antiseptics.
2. It is used along with phenyl mercuric acetate in piroxicam based ophthalmic preparation.
3. It is used along with chloramphenicol and dexamethasone in eye and ear drops.

Product Benefits:

1. Phenyl Mercuric Nitrate its antimicrobial activity tends to increase with increasing pH.

Product Handling & safety:

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

Product Registration: Phenyl Mercuric Nitrate is not registered in food contact applications by US FDA. It is Hazardous product classified under UN No. 1895 Haz Class: 6.1 Packing Group: II

Title:

Chapter:

Subchapter:

Part:



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Subpart:
Section:

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 damanges 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.