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

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

Telephone : +91 (20) 24530071

Email : info@jpharmachem.com, Web : www.jpharmachem.com

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



(an ISO 9001:2016 Certificate Company)

GLYCOLURIL**Technical Datasheet**

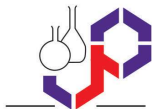
Chemical Name	GLYCOLURIL	
Grade Name	GLYCOLURIL	
CAS No.	496-46-8	
HS Code	2933 2990	
Einecs No	207-821-5	
Molecular Formula	C ₄ H ₆ N ₄ O ₂	
Synonyms	Acetylene carbamide Perhydroimidazo(4,5-d)Imidazole-2,5-dione Diurea glyoxalate	
TEST	SPECIFICATION	METHOD
Appearance	White to off white fine powder	Visual
Purity	Min 97%	Kjeldahl method
Moisture	Max 1.5%	KF
Melting Point	>280 Deg C	Melting point apparatus
Heavy metal as Pb	Max 20 ppm	AAS
Fe	Max 100 ppm	AAS
pH(1%aqueous solution)	6.5-7.2	pH
Free urea Content	Max 0.3%	Titration

Product Information:

- It is a bisurea compound which is mainly used in the production of glycoluril resins for paints and coatings.
- Further it has been used for water treatment as swimming pool disinfectants, slimicide enhancer in pulp/paper processing and as slow release nitrogen fertilizer.
- Glycoluril is being used as slow release nitrogen fertilizer.
- Glycoluril is used as a reagent in the synthesis of acyclic cucurbituril molecular containers which can enhance the solubility and bioactivity of poorly soluble pharmaceuticals.
- Also used as a reagent in the synthesis of cucurbituril containers for targeted delivery of oxaliplatin to cancer cells.

Product Handling & safety:

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



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Product Registration: Glycoluril is not approved for food contact usage by US FDA.

Title:
Chapter:
Subchapter:
Part:
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 Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contract 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.