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(an ISO 9001:2016 Certificate Company)

GBSB

Technical Datasheet

Chemical Name	GLUTARALDEHYDE BIS SODIUM BISULFITE	
Grade Name	GBSB	
CAS No.	7420-89-5	
HS Code	2832 2090	
EINECS No.	231-043-5	
Molecular Formula	C5H10Na2O8S2	
Synonyms	1,5-Pentanedisulfonicacid, 1,5-dihydroxy-, sodium salt (1:2) - Glutaraldehyde bis(sodium bisulfite) - Disodium 1,5-dihydroxypentane-1,5-disulphonate	
TEST	SPECIFICATION	METHOD
Appearance	White free flowing powder	Visual
Purity by Titration (on dry basis) %	Min 98%	Titration
Moisture %	Max 1.5%	Oven drying at 105 Deg (3-12) hours.
Melting Range (Degrees C)	> 300 degrees C	Melting Point Apparatus (Open Capillary Tube Method)
% Sodium Hydrogen Sulphite (NaHSO ₃)	Max 1.5%	Titration
Iron Content ppm	Max 50 ppm	AAS
Heavy Metal Lead ppm	Max 20 ppm	AAS

Product Information:

- GBSB is used as biocide in Reverse osmosis membrane systems.
- GBSB is used to sterilize heat-sensitive equipment used in hospitals, dairy farms, raw fish, meat, poultry processing plants.
- 60-75% solution of GBSB in water is used as an x-ray developer.
- GBSB is used as photographic chemicals in developer solutions.

Product Handling & safety:

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

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.