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(an ISO 9001:2016 Certificate Company)

ASB

Technical Datasheet

Chemical Name	ACETONE SODIUM BISULFITE	
Grade Name	ASB	
CAS No.	540-92-1	
HS Code	28322000	
EINECS No.	208-761-2	
Molecular Formula	C3H7NaO4S	
Synonyms	- sodium acetone bisulfite - Sodium 2-hydroxy-2-propanesulfonate 2-Propanesulfonicacid, 2-hydroxy-, monosodium salt	
TEST	SPECIFICATION	METHOD
Appearance	White crystalline powder	Visual
Purity by Titration (on dry basis) %	Min 98%	Titration
Moisture %	Max 2.0%	Oven drying at 105 Deg (3-12) hours.
Heavy metals (Pb, Hg, As)	Max 20 ppm	AAS / ICP / Titration
Organic Volatile Impurities	Not detected	TGA / LOD / GC

Product Information:

- ASB is used as anti-oxidant, preservative (reducing agent) in several pharmaceuticals such as Procaine HCl Injection, Dibucaine 1% Ointment.
- ASB is also used in Mepivacaine hydrochloride Injection, Pentazocine Lactate Injection, Bupivacaine Hydrochloride Injection, and Epinephrine Injection.
- ASB along with Persulfate are widely used as Redox Pair (initiator-inhibitor) combination in both emulsion based and emulsion free, resins.
- ASB along with Persulfates act as chemical initiation system for almost all Methacrylate groups where polymerisation is generally slow and involves inefficient polymerisation.

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.