




Product Specification

cdhfinechemical.com

SULPHURIC ACID 0.5 MOL/L (N/1) (1N) FOR 500 ML SOLUTION

PRODUCT CODE	895153
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--
PARAMETER	LIMIT
Description	Clear colourless solution.
Solubility	Miscible in water.
Normality (After diluting total solution to 500 ml with distilled water, at 27°C)	1.0N \pm 0.005
Direction for use and storage : Capsule 1. For opening this new capsule bottle, hold it horizontally with white part in left hand and yellow part in right hand. Then bend gently as if you are breaking it apart. This will smoothly open the capsule. 2. Open the internal yellow PP cap, carefully remove the plug and transfer the contents of the capsule into a 500 ml standard volumetric flask of Class A grade. Rinse the bottle from inside with distilled water replacing again the plug. Transfer the rinsing to the flask. Make up volume up to the mark with distilled water at 27°C. Stopper the flask and mix thoroughly. 3. Note down the normality and date of preparation of the solution on the sticker label provided in the pack. Affix the same on the bottle/flask. 4. The unopened capsule bottles may be stored indefinitely without the contents deteriorating in strength or quality. (Solutions diluted for use should be kept under conditions of storage appropriate to volumetric and reagent solution). 5. The accuracy of the solution prepared as above from S.D's Concentrated Volumetric solution is 1.0 \pm 0.005N	
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : 8/II UN No. : 2796 IATA : 8
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	
Hazard Pictogram(s) :  GHS07	