



SDFCL
S d fine-CHEM LIMITED

Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\ID\PS\28031AMXPS.xls
PRODUCT CODE	28031AM
PRODUCT NAME	SULPHURIC ACID 0.05 MOL/L (0.1N) FOR 500 ML SOLUTION
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7664-93-9)
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

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PARAMETER	LIMIT
Description	Clear and colourless liquid.
Normality (After diluting total solution from capsule to 500 ml with distilled water, at 27 °C)	0.1N ± 0.002

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 0.1±0.002N.

MAXIMUM LIMIT OF IMPURITIES

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Causes skin irritation. Causes serious eye irritation

Precautionary statements

Prevention : Wash thoroughly after handling. Wear protective gloves/protective clothing/ eye protection/face protection.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IMDG Code :---

UN No. :---

IATA :---

Disposal: Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2% .Neutralize with 5% sodium hydroxide soln. and run to waste with large volumes of running water.

Hazard Pictogram(s) :



Skin irritation

Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No. : 02 Revision dt. : 02.04.2010 AMEND NO. : 1554
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