



# Product Specification

cdhfinechemical.com

## SULPHURIC ACID

PRODUCT CODE	226325	
SYNONYMS	Oil of vitriol	
C.I. NO.	N/A	
CASR NO.	7664-93-9	
ATOMIC OR MOLECULAR FORMULA	H <sub>2</sub> SO <sub>4</sub>	H <sub>2</sub> SO <sub>4</sub>
ATOMIC OR MOLECULAR WEIGHT	98.08	
PROPERTIES	--	

PARAMETER	LIMIT
Description	A clear oily liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water with the generation of a considerable amount of heat.
Assay (acidimetric)	About 98.0%
Wt.per ml at 20°C	About 1.835 g

MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.01%
Hydrochloric acid (HCl)	0.0002%
Nitric acid (HNO <sub>3</sub> )	0.001%
Arsenic (As)	0.0002%
Iron (Fe)	0.0005%
Lead (Pb)	0.002%
Reducing substances	0.02 ml N/1%

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

<b>WARNING</b> <b>Hazard statements :</b> Causes skin irritation. Causes serious eye irritation.May becorrosive to metals <b>Precautionary statements</b> <b>Prevention:</b> Keep only in original container.Wash thoroughly after handling.Wearprotective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF IN EYES: Rinse cautiously with water for several minutes. Removecontact lenses, if present and easy to do. Continue rinsing.If eye irritation persists:Get medical advice/attention.Absorb spillage to prevent material damage. <b>Disposal:</b> 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.	IMDG Code :-- UN No. :-- IATA :--
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**Hazard Pictogram(s) :**

GHS05