



Product Specification

cdhfinechemical.com

SULPHURIC ACID AR

PRODUCT CODE	650055	
SYNONYMS	Oil of vitriol	
C.I. NO.	N/A	
CASR NO.	7664-93-9	
ATOMIC OR MOLECULAR FORMULA	H ₂ SO ₄	H ₂ SO ₄
ATOMIC OR MOLECULAR WEIGHT	98.08	
PROPERTIES	--	

PARAMETER	LIMIT
Description	A clear oily liquid, not more than 10 hazen unit in colour
Solubility	Miscible with water with the generation of a considerable amount of heat.
Minimum assay (acidimetric)	98.0%
Wt. per ml at 20°C	About 1.84 g

MAXIMUM LIMIT OF IMPURITIES	
Non -volatile matter	0.002%
Chloride (Cl)	0.00002%
Nitrate (NO ₃)	0.00002%
Ammonium (NH ₄)	0.0002%%
Arsenic (As)	0.000005%
Copper(Cu)	0.00001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Selenium (Se)	0.001%
Substances reducing permanganate (O)	0.0001%

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

WARNING Hazard statements : Causes skin irritation. Causes serious eye irritation. May be corrosive to metals Precautionary statements Prevention: Keep only in original container. 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 .Absorb spillage to prevent material damage. 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.	IMDG Code :-- UN No. :-- IATA :--
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Hazard Pictogram(s) :  GHS05
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Date of modified - 16-Oct.-2017