



Product Specification

SULPHURIC ACID EL (SP.GR. 1.84)

PRODUCT CODE	773520
SYNONYMS	Oil of vitriol.
C.I. NO.	--
CASR NO.	(7664-93-9)
ATOMIC OR MOLECULAR FORMULA	H₂SO₄
ATOMIC OR MOLECULAR WEIGHT	98.08
PROPERTIES	--



PARAMETER	LIMIT
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Description	A clear colourless oily liquid, not more than 10 Hazen units.
Solubility	Miscible with water with the generation of a considerable amount of heat.
Minimum assay	About 98%
Wt. per ml (at 20°C)	About 1.84 g

MAXIMUM LIMIT OF IMPURITIES

Chlorides (Cl)	0.00001%
Nitrates (NO ₃)	0.00002%
Phosphates (PO ₄)	0.00005%
Aluminium (Al)	0.000001%
Arsenic (As)	0.000001%
Barium (Ba)	0.000001%
Cadmium (Cd)	0.000001%
Calcium (Ca)	0.000001%
Chromium (Cr)	0.000001%
Cobalt (Co)	0.0000005%
Copper (Cu)	0.000001%
Iron (Fe)	0.000001%
Lead (Pb)	0.000001%
Magnesium (Mg)	0.000001%
Molybdenum (Mo)	0.000001%
Manganese (Mn)	0.000001%
Nickel (Ni)	0.000001%
Strontium (Sr)	0.00001%
Zinc (Zn)	0.000001%
Potassium (K)	0.000001%



Central Drug House (P) Ltd.

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Sodium (Na)	0.000001%
Beryllium (Be)	0.000001%
Bismuth (Bi)	0.000001%
Boron (B)	0.000002%
Gallium (Ga)	0.000001%
Germanium (Ge)	0.000001%
Gold (Au)	0.0000005%
Lithium (Li)	0.000001%
Silver (Ag)	0.000001%
Tin (Sn)	0.000001%
Titanium (Ti)	0.000001%
Vanadium (V)	0.000001%
Zirconium (Zr)	0.000001%
Antimony (Sb)	0.0000005%
Particles >0.50 µm/ml	0.000015%

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

DANGER

HAZARD STATEMENTS : May intensify fire; oxidizer. Fatal if inhaled. May cause cancer by inhalation. May be corrosive to metals. Causes severe skin burns and eye damage..

PRECAUTIONARY STATEMENTS :

Prevention : Wear respiratory protection. Wear protective gloves/clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust or mist. Obtain special instructions before use..

Response : Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Specific treatment: refer to Label or MSDS. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If exposed or concerned:** Get medical attention advice.**If on skin or hair:** remove/take off immediately all contaminated clothing. Rinse with water/shower.**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician.**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.

Disposal : --

IMDG Code : 8/III

UN No. : 1830

IATA : 8

Hazard Pictogram(s) :



Oxidising liquids Acute toxicity Aspiration hazard Corrosive to metals