SULPHURIC ACID ACIPUR FOR TRACE METAL ANALYSIS

PRODUCT CODE	773530	
SYNONYMS	**Oil of vitriol**	
C.I. NO.	--	
CASR NO.	**(7664-93-9)**	
ATOMIC OR MOLECULAR FORMULA	**H₂SO₄**	H_2SO_4
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.
Minimum assay (acidimetric)	96.0 %

MAXIMUM LIMIT OF IMPURITY	
Non –volatile matter	0.002%
Chloride (Cl)	0.00002%
Nitrate (NO₃)	0.00002%
Ammonium (NH₄)	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.

DANGER
Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. Toxic if swallowed. Harmful if inhaled. Causes mild skin irritation. Causes serious eye irritation. Harmful to aquatic life.
Precautionary statements
Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. 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. Rinse mouth. If skin irritation occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/attention.

IMDG Code : --
UN No. : --
IATA : --

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :--

GHS03   GHS05   GHS06