



Quality Control Dept.

Product Specification

Product	: Sulphuric Acid – AR
CASR No.	: 7664-93-9
Molecular Formula	: H ₂ SO ₄
Molecular Weight	: 98.07 g/mol
Parameter	Limit
Description	: A clear oily liquid not more than 10 Hazen units in color
Assay (Titration with NaOH)	: 98 %
Relative Density	: Abt. 1.84
	Maximum Limits of Impurities
Residue on Ignition	: 20 ppm
Chloride (Cl)	: 0.2 ppm
Nitrate (NO₃)	: 0.2 ppm
Ammonium (NH₄)	: 2 ppm
Arsenic (As)	: 0.01 ppm
Iron (Fe)	: 0.2 ppm
Heavy Metals (Pb)	: 0.1 ppm
Substance Reducing Permanganate	: 4 ppm
Copper (Cu)	: 0.1 ppm
Selenium (Se)	: 10 ppm
Hazard Statement	: Fatal if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.
Prevention	: Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash thoroughly after handling.
Response	: Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Immediately call a POISON CENTER or doctor/physician.