

# Sulfuric Acid - Merchant Grade Technical Datasheet Clarksville

## Uses

The main applications for sulfuric acid include leaching of ores, pickling, automotive batteries, fertilizers and other chemicals.

## Chemical specification

Chemical analysis Guaranteed analysis	Clarksville Sulfuric acid Merchant grade:
	93.4±0.2% 96.3±0.3% 98.3±0.3%
Fe	<40 ppm
Pb	<1 ppm
Hg	<1 ppm
Cl	<10 ppm
SO <sub>2</sub>	<40 ppm
Nitrate	<10 ppm
Color	< 30 APHA
Foreign matter	Nil
Residue after ignition	<0.03%
Freight	
	Truck Rail

## Physical data

Physical property	Unit	Value
Density (at 15°C)	kg/dm <sup>3</sup>	1840
Melting temperature	°C	-7°C
Crystallization range	°C	-18 to -10
Solidification range	°C	-46° to -36°
Boiling temperature	°C	310