

# Sulfuric Acid 93%

INCI Name: Sulfuric Acid

CAS Numbers: 7664-93-9



## Description:

Sulfuric Acid is a highly corrosive strong mineral acid with the molecular formula  $H_2SO_4$ . It is a colorless to slightly yellow viscous liquid which is soluble in water at all concentrations. The historical name of this acid is "oil of vitriol." Sometimes, it is dyed dark brown during production to alert people to its hazards.

## Technical Data:

Analysis	Units	Min	Spec Rate	Max
Appearance	NONE		Clear, Free of Matter	
Iron	PPM		Result = MAX	25
Chloride	MLS		Result = MAX	4
Permanganate	PPM			
SO <sub>2</sub>	PPM			
Specific Gravity	NONE			
Sulfuric Acid	PERCENT	93	Min = Result = MAX	94

## Applications

Sulfuric Acid is an inorganic acid that functions as a pH adjuster and buffering agent. Sulfuric Acid is used in hair coloring and bleaching products. Sulfuric Acid is sometimes also used in drinking water treatment facilities to remove impurities and create an improved taste. In oil refineries, it is often used as a catalyst in the creation of isooctane. The steel industry also uses it to remove oxidation and rust, either before delivering billets to industrial manufacturers, or prior to galvanization.



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