

# Sulfuric acid 98%

## Sulfuric acid

Sulfuric acid is a colorless, clear to hazy, odorless, oily liquid. It is produced by Nouryon through the contact process starting with high purity sulfur.

CAS number  
7664-93-9

Molecular weight  
98.08

Molecular formula  
 $H_2SO_4$

### Specifications

Concentration (as $H_2SO_4$ )	97.5-99.0 % w/w
Turbidity	≤ 100 UNT
Iron (as Fe)	≤ 60 mg/kg

### Typical characteristics

Color, on Pt-Co scale	≤ 30 mg/l
Residues from calcination	≤ 200 mg/kg
Chlorides (as Cl)	≤ 20 mg/kg
Sulfur dioxide as $SO_2$	≤ 50 mg/kg
Reducing substances such as oxygen consumed	≤ 100 mg/kg
Nitrite and Nitrate Nitrogen as N	≤ 10 mg/kg
Copper (as Cu)	≤ 1 mg/kg
Zinc (as Zn)	≤ 5 mg/kg
Manganese (as Mn)	≤ 1 mg/kg
Lead (as Pb)	≤ 2 mg/kg
Antimony (as Sb)	≤ 2.5 mg/kg
Chromium (as Cr)	≤ 5 mg/kg
Cadmium (as Cd)	≤ 1 mg/kg
Nickel (as Ni)	≤ 2 mg/kg
Selenium (as Se)	≤ 2 mg/kg
Arsenic (as As)	≤ 0.5 mg/kg
Mercury (as Hg)	≤ 0.1 mg/kg

#### Notes:

Available grades: Technical Grade (93%, 96%, and 98%), Electrolytic Grade (93%)

## Applications

Fertilizer, Batteries, Chlorine Dioxide Generation, Effluent Treatment, Inorganic Pigments, Oxidizing and Dehydrating Agents, pH Adjustment, Water Treatment

## Packaging and transport

Containers: Tank cars (100 short tons net weight), Cargo tank trailers (22 short tons net weight).

UN number

1830 (Sulphuric acid)

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## Contact Us

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The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a blue sans-serif font.