

SULFURIC ACID

FORMULA H₂SO₄ (in aqueous solution)

NOMENCLATURE Sulfuric Acid
Oil of Vitriol

CAS NUMBER 7664-93-9

CAS INDEX NUMBER Sulfuric Acid

GRADE Technical

MOLECULAR WEIGHT 98.1 (Solute)

DESCRIPTION Sulfuric Acid is a colorless, clear to hazy, odorless, oily-looking liquid. It is very corrosive. Complies with Federal Specification O-S-809E, Type I, Class 2 and Type II, Class 2.

SPECIFICATIONS

Available Strengths:

50%

93.19% (66° Be')

Special strengths are available upon request.

TYPICAL PROPERTIES

Specific Gravity
(60°F/60°F)

66° Be'

1.8354

Freezing Point

-20°F

USES

Agriculture: In the manufacture of fertilizers.

Chemical: As an oxidizing and dehydrating agent.

Explosives: In the manufacture of explosives.

Metallurgy: In the treatment of metals.

Petroleum: In the purification of petroleum.

Textiles: In the manufacture of dyestuffs.

Water Treatment: For pH control.

Aluminum anodizing baths.