

Sulfuric Acid

DESCRIPTION:

Sulfuric acid is a clear, colorless, oily liquid that is very corrosive. It is also called sulphine acid, battery acid, and hydrogen sulfate. It is used in the manufacture of fertilizers, explosives, other acids, and glue; in the purification of petroleum; in the pickling of metal; and in lead-acid batteries (used in most vehicles). For water treatment, Sulfuric Acid is used to increase solubility of materials in water. It is added to open cooling systems to help increase cycles of concentration and system efficiency.

GENERAL APPLICATIONS:

The feed rate of Sulfuric Acid is dependent upon the type of equipment to be treated, the concentration of suspended solids, and the characteristics of the water make-up. For optimum results, the recommendations of your KML Technical Representative should be followed. In general, the addition of the acid will increase system water solubility, allowing for the increase of cycles of concentration. The presence of Sulfuric Acid in the system is tested regularly, according

to guidelines supplied by your Representative.

PACKAGING:

Sulfuric Acid is available in non-returnable, DOT approved 55 and 15-gallon plastic drums.

ADVANTAGES:

- Increases system mineral solubility
- Increased solubility increases maximum system cycles.
- Reduces system fouling and deposition

Typical Product Characteristics

App.....Clear-amber odorless liquid
Density at 25°C1.824 g/ml
Weight per US gallon15 lbs./gal
pH of productApprox. 1.0

SAFETY & HANDLING:

Improper handling of this product can be injurious to workers. Observe all safety precautions shown on the label and in the Material Safety Data Sheet. Wear proper protective equipment listed on the MSDS. Follow the instructions of your KML Representative in the proper use of this product.

