



MARLYN

Product Information Sheet

Sulphuric Acid

Product Description

Sulphuric acid is a mineral acid with the molecular formula H_2SO_4 . Sulphuric acid is a colourless, odourless syrupy liquid that is soluble in water, supplied by Marlyn as 98%. The reaction when sulphuric acid is mixed with water is highly exothermic. Dilution should always be performed by adding the acid to the water, rather than the water to the acid. Sulphuric is a strong oxidising agent making it highly corrosive to many metals.

Usage

Sulphuric acid is a very important commodity chemical. Approximately 60% of the world's sulphuric acid is consumed in the production of fertiliser. The other major application for sulphuric acid is in the chemical manufacture of detergents, synthetic resins, dyestuffs, pharmaceuticals, petroleum catalysts, insecticides and anti-freeze. Other processes where sulphuric acid is used include aluminium reduction, paper sizing, and water treatment. Sulphuric acid is used in large quantities by the iron and steelmaking industry to remove oxidation, rust and scaling from rolled sheet and billets prior to sale to the automobile and major appliances industry.

Packaging

Sulphuric acid is supplied in 40 kilogram polycans and in bulk.

Health and Safety Information

Sulphuric acid is capable of causing very severe burns.

For further Health, Safety, Shipping and Handling information it is recommended to refer to the Material Safety Data Sheet.