

**Melting Point**

113°C

Boiling Point

445°C

Density2.0 g/cm³**Appearance****Other Physical Properties**

Sulfur exists in three different forms. The sample at this station is the most common, called the orthorhombic form, which is the only form that is stable at room temperature.

Chemical Properties

Sulfur burns when heated in air and is insoluble in water.

Compounds

Compounds of sulfur include sulfuric acid, sulfates, and sulfides. Sulfur dioxide is an important component of acid rain.

Uses

Sulfur is used as an agricultural fungicide. Sulfuric acid is used in car batteries and in making fertilizers.

Notes

The old name for sulfur was brimstone, because it is found naturally on the brims of pools of hot water in volcanic areas.



SULFUR IS OFTEN FOUND IN AREAS OF VOLCANIC ACTIVITY, LIKE THIS SULFUR NEAR A VOLCANO IN HAWAII. WORKERS WHO COLLECT THE SULFUR NEED TO WEAR GOGGLES AND MASKS TO PROTECT THEMSELVES FROM POISONOUS, ACIDIC GASES, MANY OF WHICH ARE SULFUR COMPOUNDS.

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