

MERCURY SULPHIDE POWDER

Stock No: NS6130-05-569

HgS



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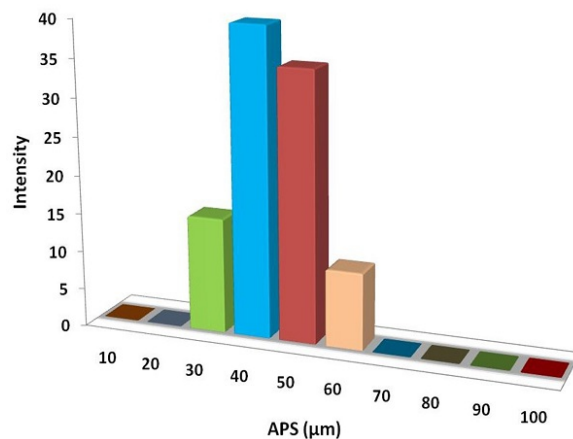
Mercury Sulphide Powder

The use of metals and minerals in the traditional Indian system of medicine known as aird is very common and is practiced since seventh century B.C. Metals were reduced to calcined powder form for medicinal purpose. Mercury sulfide, mercuric sulfide, mercury sulphide, or mercury(II) sulfide is a chemical compound composed of the chemical elements mercury and sulfur. It is represented by the chemical formula HgS . It is virtually insoluble in water.

Mercury(II) sulfide occurs in two forms, red and black. Red mercury(II) sulfide occurs naturally as the mineral cinnabar, while black mercury(II) sulfide occurs only rarely in nature, then as the mineral metacinnabar. The other major use for mercury(II) sulfide, in either red or black form, is as a pigment in artists' paints, for coloring paper and plastics, and for marking linen. The black form is also used as a pigment for the coloring of rubber, horn, and other materials. Red mercury(II) sulfide finds some use also as an antibacterial agent.

Quick Facts

Product	: Mercury Sulphide Powder
Color	: Black/ Red Powder
Stock No	: NS6130-05-569
CAS	: 1344-48-5
Purity	: 99%
APS	: 40-50 μm
Other Metal	: 8500ppm



Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
HgS	232.66 g/mol	8.10 g/cm ₃	580 °C

Applications

- Antibacterial agent
- A pigment for the coloring of rubber, horn
- Paints
- Medical purpose

ISO 9001:2015
CERTIFIED COMPANY



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