

## Answer on Question #61561, Chemistry / General Chemistry

**Condition:** Reasons of avoiding usage of silac, CaSO<sub>4</sub> In boilers.

**Solution:**

Calcium sulfate (or calcium sulphate) is the inorganic compound with the formula CaSO<sub>4</sub> and related hydrates.

1. Calcium sulfate is gypsum or alabaster.
2. Calcium sulfate is very poorly soluble in water, so structures do not dissolve.
3. Calcium sulfate can clog the pore space of pipes in boilers.
4. A boiler reduce the heat transfer efficiency