



>>Entry Name: Zirconium(IV) oxide sulfate ($\text{Zr}_5\text{O}_8(\text{SO}_4)_2$), 11Cl

CAS Registry Number: 62010-10-0

$\text{Zr}_5\text{O}_8(\text{SO}_4)_2$

Molecular Formula: $\text{O}_{16}\text{S}_2\text{Zr}_5$

Molecular Weight: 776.242

Accurate Mass: 769.386295

Percentage Composition: O 32.98%; S 8.26%; Zr 58.76%

Source/Synthesis: Synth. by precipitation from $\text{ZrOCl}_2/\text{aq. HCl}/\text{aq. H}_2\text{SO}_4$

Use/Importance: Used in compositions for polishing glass

References:

U.S.S.R. Pat., 1979, 692 843; *CA*, **92**, 27329a, (*use*)

U.S.S.R. Pat., 1983, 1 031 906; *CA*, **99**, 142467a, (*manuf*)