>>**Entry Name: Chromium zinc oxide (Cr_2ZnO_4)**
Synonym(s): Zinc chromium oxide ($ZnCr_2O_4$). Zinc chromate(*III*) ($Zn(Cr_2O_4)$). Zinc chromite

CAS Registry Number: 12018-19-8

$ZnCr_2O_4$

Molecular Formula: Cr_2O_4Zn
Molecular Weight: 233.38
Accurate Mass: 231.789823
Percentage Composition: Cr 44.56%; O 27.42%; Zn 28.02%
General Statement: Spinel
Use/Importance: Catalyst. for oxidation of hydrocarbons
Physical Description: Solid

Fluka: 96467

References:

Yin-Yuan, L. *et al.*, *Acta Cryst.*, 1956, **9**, 738, *(nd)*
Whipple, E. *et al.*, *J. Inorg. Nucl. Chem.*, 1962, **24**, 23, *(synth)*
Raccah, P.M. *et al.*, *J. Appl. Phys.*, 1966, **37**, 1436, *(synth, ir, powder struct)*