Thio compounds – when O is replaced by S

Thio alcohols or mercaptans (mercury seizing)

$$C_2H_5SH \hspace{1cm} C-C-C-C\\$$

SH

ethanethiol 2-butanethiol

ethylmercaptan 5-buthylmercaptan

Thioethers

$$C-C-S-C$$

ethylmethylthioether