

The disclosure relates to thiosulfur containing compositions, in particular propyl-propane thiosulfonate (PTSO) and propyl-propane-thiosulfinate (PTS). Such compositions are useful for treating infection and reducing or degrading biofilms both in vivo and in vitro. In particular, such compositions are useful in the treatment of biofilm-related disorders, including but not limited to mastitis, digital dermatitis, and chronic wound infections.