

## **CHAPTER V**

### **CONCLUSIONS AND RECOMMENDATIONS**

The results of the present study showed that calcium soap precipitates play an important role in antifoaming when the concentration of SDS is below the CMC. Above the CMC, no antifoam effect of the calcium soap was observed. The defoaming ability was found to increase with increase in the chain length of calcium soap. Results from the contact angle measurements of SDS solutions on the calcium soap precipitate support the proposition that the soap precipitates act as an antifoam by the dewetting mechanism.