ABSTRACT

NOVEL ACYLALKYLISETHIONATE ESTERS AND APPLICATIONS IN CONSUMER PRODUCTS

The present invention provides acylalkylisethionate esters useful in consumer products. The acylalkylisethionate esters are produced by reacting one or more carboxylic acids with one or more alkyl-substituted hydroxyalkyl sulfonates under esterification reaction conditions. The alkyl-substituted hydroxyalkyl sulfonates used as a raw material in producing the esters are prepared by reacting bisulfite with one or more alkylene oxides.

Figure 1