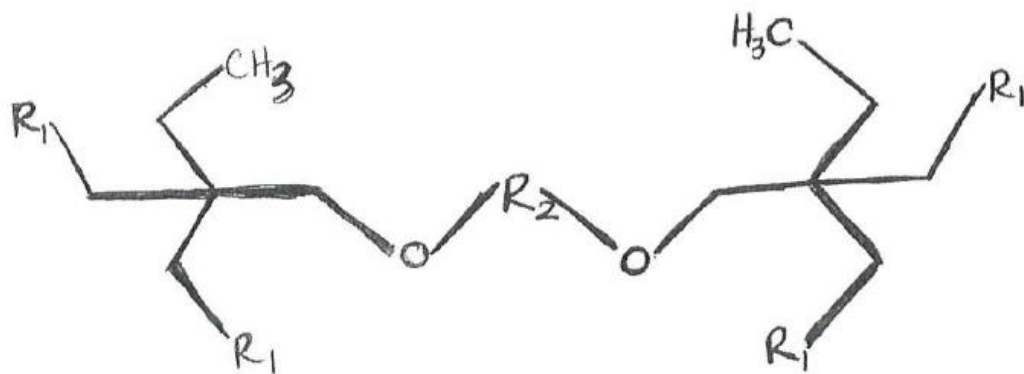


Representative structure:



where R_1 may be either C8-18 or C18-unsatd., Octanoic acid or Decanoic acid (Reactants 1-3)

And R_2 is Fatty acid, C18-unsatd., dimers (Reactant 4).

Reactants:

- ① Fatty acids, C8-18 and C18-unsatd. (CAS 67701-05-7)
- ② Octanoic acid (CAS 124-07-2)
- ③ Decanoic acid (CAS 334-48-5)
- ④ Fatty acids, C18-unsatd., dimers (CAS 61788-89-4)
- ⑤ 1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (CAS 77-99-6)