

## CHAPTER 5

### SOAPS AND DETERGENTS

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## CHAPTER 5 OBJECTIVES

- Soaps
  - Raw Materials
  - Chemistry of soaps
  - Classification of soaps
  - Manufacturing of soaps
  - Environmental aspects
- Detergents
  - Introduction and History
  - Principle groups of synthetic detergents
  - Surfactants
  - Inorganic Builders
  - Sundry Organic Builders
  - Manufacturing of Detergents

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## SOAP RAW MATERIALS

- The triglycerides (or triesters of fatty acids) are the raw material for the production of soap.
- Tallow and coconut oil are the principal fatty materials in making soap.
- The palm oils, palm kernel oil, and their derivatives are used in the soap manufacture in many other parts of the world.
- Greases, obtained from hogs and smaller domestic animals, are the second most important source of glycerides of fatty acids.

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# Chapter Soaps And Detergents Kfupm

**South Australian College of External  
Studies**



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