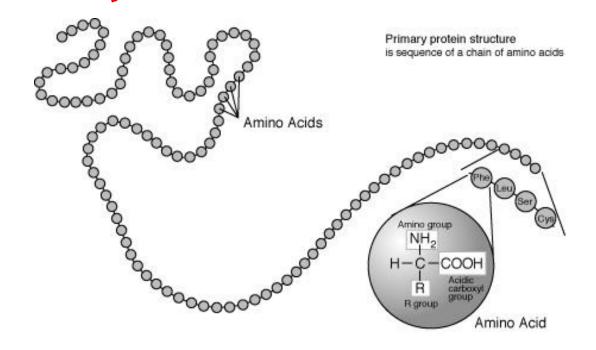
### 3.1 Nutrients - Macronutrients

Proteins

Proteins are made up of amino acids, preview page 12 of page 12 of

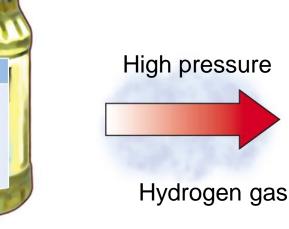


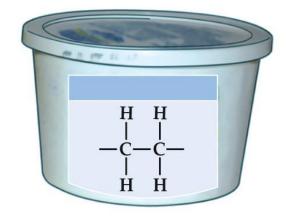
## 3.1 Nutrients - Macronutrients

- Fats
- Hydrogenatem lydrogen is added to vegetable oils under pressure to make solid fat (e.g., shortening and margarine) Some of the hydrogens are added in a "trans" form (not normal) - Trans fats
  - Trans fats: artificially produced fats, They are produced by incomplete hydration, oils with double bonds are changed into solid fats by making the double bonds flat
    - May be linked to an increased risk of clogged arteries, heart disease and diabetes

# Figure 3.5 Hydrogenation







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Some of the hydrogenated fats may contain **trans fats** 

# 3.1 Nutrients - Micronutrients

- Micronutrients: Rute ents that are needed in small guantities such as:
  -Puffamins Page

  - Minerals



#### Table 3.1



## 3.1 Nutrients - Antioxidants

- Processing can be tesale.co.uk
  Processing can be move much of a food's nutrition page 33 or to a food of the sale.
  Whole foods: food
  - Whole foods: foods not stripped of nutrition by processing
    - Rich in complex carbohydrates, vitamins, minerals, and antioxidants
  - Foods rich in antioxidants are: fruits, vegetables, nuts, grains, dark chocolate and some meats. See table 3.3