HANDOUTS and VISUAL AIDS
MODULE III
Handout 3.1 Types of Information Collected and Considered When Performing the Risk Assessment

A. Hazard Identification
   ■ Collection of Data
     a. Name of Substance
     b. Physical/Chemical Properties
     c. Source of Information
     d. Exposure to Toxic Substances
        - Route of exposure
        - Duration of exposure
        - Frequency of exposure
        - Exposure to other toxic substances
     e. Information on Other Factors

B. Hazard Evaluation or Dose-Response Assessment
   1. Calculate Dose-effect
   2. Incorporate Safety Factor
   3. Determine Dose-response Relationship

C. Exposure Assessment
   1. General Information for Each Chemical
      a. Molecular Formula and Structure
      b. Physical and Chemical Properties
   2. Sources
      a. Characterization of Production and Distribution
      b. Uses
      c. Disposal
      d. Summary of Environmental Releases
   3. Exposure Pathways and Environmental Fate
      a. Transport and Transformation
      b. Identification of Principal Pathways of Exposure
      c. Prediction of Environmental Distribution
   4. Measured or Estimated Concentrations
      ■ Estimation of Environmental Concentration
   5. Exposed Human Populations
      a. Effects from exposure to simple and complex mixtures
      b. Geographic area
      c. Health Impact on Susceptible Population
      d. Population habits
   6. Integrated Exposure Analysis (Measurement of Exposure)
      ■ Calculation of Exposure
         a. Identification of the exposed population
         b. Identification of pathways of exposure

D. Risk Characterization