Major changes to the Hazard Communication Standard and **Global Harmonization System (GHS)**

- Hazard classification: Provides specific criteria for classification of health and physical hazards, as well as classification of mixtures.
- Labels: Chemical manufacturers and importers will be required to provide a label that includes a harmonized signal word, pictogram, and hazard statement for each hazard class and category. Precautionary statements must also be provided.
- Safety Data Sheets: Will now have a specified 16-section format.

Information and training: Employers are required to train workers by December 1, 2013 on the new label elements and safety data sheet format to facilitate recognition and understanding.

New GHS Classification and Labeling Materials are classified based on Criteria for **Physical and Health Hazards**

SDS 16 Section Format SECTION 1. IDENTIFICATION SECTION 2. HAZARD(S) IDENTIFICATION SECTION 3. COMPOSITION/INFORMATION ON **INGREDIENTS** SECTION 4. FIRST-AID MEASURES SECTION 5. FIRE-FIGHTING MEASURES SECTION 6. ACCIDENTAL RELEASE MEASURES SECTION 7. HANDLING AND STORAGE SECTION 8. EXPOSURE CONTROLS/ PERSONAL **PROTECTION** SECTION 9. PHYSICAL AND CHEMICAL PROP-**ERTIES** SECTION 10. STABILITY AND REACTIVITY SECTION 11. TOXICOLOGICAL INFORMATION SECTION 12. ECOLOGICAL INFORMATION SECTION 13. DISPOSAL CONSIDERATIONS SECTION 14. TRANSPORT INFORMATION SECTION 15. REGULATORY INFORMATION SECTION 16. OTHER INFORMATION, INCLUD-ING DATE OF PREPARATION OR LAST REVI-SION



New Labeling provisions under GHS label elements are: 1. Product identifier/ingredient

- disclosure
- 2. Supplier identification
- 3. Symbol/hazard pictograms
- 4. Signal Words
- 5. Hazard Statements
- 6. Precautionary information

Label Elements Example	Category 1	Category 2
Symbol	\$	
Signal Word	Danger	Warning
Hazard Statement	May be fatal if swallowed and enters airways.	May be harmful if swallowed and enters airways.