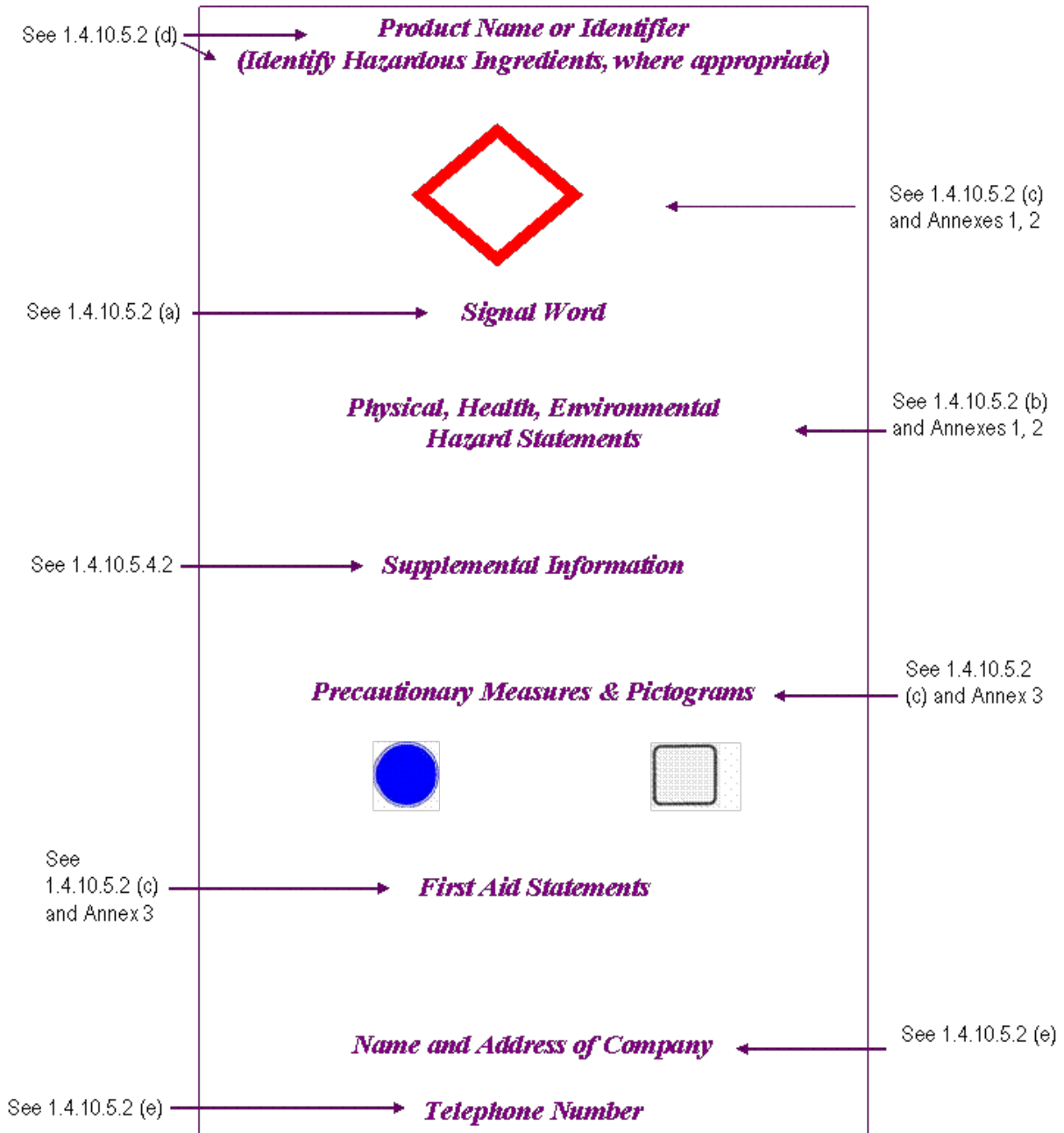


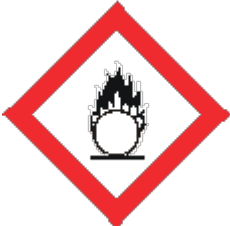








Figure 4.8

## GHS Label Elements



## GHS Pictograms and Hazard Classes

Convey health, physical and environmental hazard information, assigned to a GHS hazard class and category.

<b>GHS Pictograms and Hazard Classes</b>		
		
<ul style="list-style-type: none"> <li>▪ Oxidizers</li> </ul>	<ul style="list-style-type: none"> <li>▪ Flammables</li> <li>▪ Self Reactives</li> <li>▪ Pyrophorics</li> <li>▪ Self-Heating</li> <li>▪ Emits Flammable Gas</li> <li>▪ Organic Peroxides</li> </ul>	<ul style="list-style-type: none"> <li>▪ Explosives</li> <li>▪ Self Reactives</li> <li>▪ Organic Peroxides</li> </ul>
		
<ul style="list-style-type: none"> <li>▪ Acute toxicity (severe)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Corrosives</li> </ul>	<ul style="list-style-type: none"> <li>▪ Gases Under Pressure</li> </ul>
		
<ul style="list-style-type: none"> <li>▪ Carcinogen</li> <li>▪ Respiratory Sensitizer</li> <li>▪ Reproductive Toxicity</li> <li>▪ Target Organ Toxicity</li> <li>▪ Mutagenicity</li> <li>▪ Aspiration Toxicity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Environmental Toxicity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Irritant</li> <li>▪ Dermal Sensitizer</li> <li>▪ Acute toxicity (harmful)</li> <li>▪ Narcotic Effects</li> <li>▪ Respiratory Tract Irritation</li> </ul>

## Signal Word

---

The signal word indicates the relative degree of severity a hazard. The signal words used in the GHS are:

**"Danger"** for the more severe hazards, and

**"Warning"** for the less severe hazards

Signal words are standardized and assigned to the hazard categories within endpoints. Some lower level hazard categories do not use signal words. Only one signal word corresponding to the class of the most severe hazard should be used on a label.

## Hazard Statement

---

Hazard statements are standardized and assigned phrases that describe the hazard(s) as determined by hazard classification. This is opposite to the previous rating system of "lower number is better".














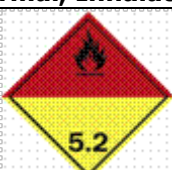
GHS Rating System	Example: ACUTE ORAL TOXICITY
1 = Severe Hazard	1 = Fatal if swallowed
2 = Serious Hazard	2 = Fatal if swallowed
3 = Moderate Hazard	3 = Toxic if swallowed
4 = Slight Hazard	4 = Harmful if swallowed
5 = Minimal Hazard	5 = May be harmful if swallowed

## Precautionary Statements and Pictograms

---

Precautionary information supplements the hazard information by briefly providing measures to be taken to minimize or prevent adverse effects from physical, health or environmental hazards. There are four types of precautionary statements presented:

- Prevention
- Response
- Storage
- Disposal

Transport "Pictograms"		
		
Flammable Liquid Flammable Gas Flammable Aerosol	Flammable solid Self-Reactive Substances	Pyrophorics (Spontaneously Combustible) Self-Heating Substances
		
Substances, which in contact with water, emit flammable gases (Dangerous When Wet)	Oxidizing Gases Oxidizing Liquids Oxidizing Solids	Explosive Divisions 1.1, 1.2, 1.3
		
Explosive Division 1.4	Explosive Division 1.5	Explosive Division 1.6
		
Compressed Gases	Acute Toxicity (Poison): Oral, Dermal, Inhalation	Corrosive
		
Marine Pollutant	Organic Peroxides	