

**Cross-Walk: Old and New Physical and Health Hazards**

<b>Physical Hazards</b> (OSHA original - prior to adopting GHS in 2012)	<b>Physical Hazards</b> <b>(Reporting Years 1987 – 2016)</b> (OSHA’s original physical hazards consolidated into three physical hazard categories for EPA use)	<b>Physical Hazards</b> <b>(Reporting Years 2017 and beyond)</b> (OSHA’s 2012 physical hazards that EPA adopted in 2016)
Combustible liquid Flammable Oxidizer Pyrophoric	<b>Fire - (Flammable; Combustible liquid; Pyrophoric; Oxidizer)</b>	Flammable (gases, aerosols, liquids, or solids) Pyrophoric (liquid or solid) Pyrophoric gas Oxidizer (liquid, solid or gas)
Compressed Gas Explosive	<b>Sudden Release of Pressure – (Explosive; Compressed Gas)</b>	Explosive Gas under pressure Combustible Dust
Corrosive Organic Peroxide Unstable Reactive Water Reactive	<b>Reactive – (Unstable Reactive; Organic Peroxide; Water Reactive)</b>	Self-reactive Organic Peroxide Self-heating Corrosive to metal In contact with water emits flammable gas Hazard Not Otherwise Classified (HNOC)
<b>Health Hazards</b> (OSHA original - prior to adopting GHS in 2012)	<b>Health Hazards</b> <b>(Reporting Years 1987 – 2016)</b> (OSHA’s original health hazards consolidated into two health hazard categories for EPA use)	<b>Health Hazards</b> <b>Reporting Year 2017 and beyond)</b> (OSHA’s 2012 health hazards that EPA adopted in 2016)
	<b>Health Hazard (Immediate-Acute)</b>	
Highly Toxic Irritant Sensitizer Toxic Eye Hazard Skin Hazard	Highly Toxic; Toxic; Irritant; Sensitizer; Corrosives & other hazardous chemicals that cause an adverse effect to a target organ and which effect usually occurs rapidly as a result of a short term exposure and is of short duration.	Skin Corrosion or Irritation Acute Toxicity (any route of exposure) Respiratory or Skin Sensitization Serious eye damage or eye irritation Simple Asphyxiant Aspiration Hazard
	<b>Health Hazard (Delayed-Chronic)</b>	
Kidney Toxin Liver Toxin Lung Toxin Nervous System Toxin	Carcinogens & other hazardous chemicals that cause an adverse effect to a target organ and which effect generally occurs as a result of long term exposure and is of long duration.	Specific target organ toxicity (single or repeated exposure) Reproductive Toxicity Germ Cell Mutagenicity Carcinogenicity